D8
DESIGN
US PATENT & TRADEMARK OFFICE
3 0402 00133 2354

The Best Tool Values IN AMERICA!

FOR HOME

FOR INDUSTRY

FOR FARM

Fast Dependable Service

BUY AT WHOLESALE

From Our Million Dollar Inventory of NATIONALLY ADVERTISED BRANDS

TJ
1200
.U87

page 82
70 or 65
73
72
Sander 78
Extension 30
Bits 10
11
Knife 131
Line 157
Sensors 155

VERSAMATIC

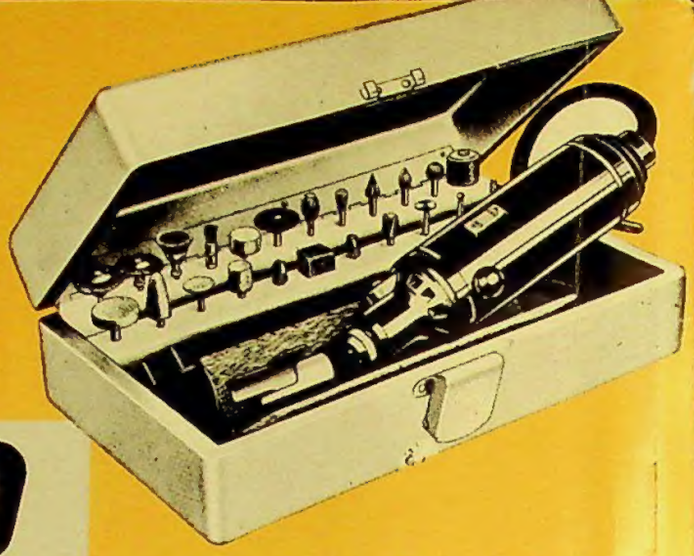
Reversible Speed Reducer for Portable Drills

Fits all portable drills. Reduces speed 7 to 1; reverses in one twist to do many difficult jobs. Versamatic drives, removes screws; drives nuts and bolts on or off. When equipped with a ½" chuck, it makes light duty portable drills do heavy duty work. Includes regular duty screw driver bit; Phillips bit; ¼" square drive adapter.

164-4100E1790 ..... $14.95
164-T33E930 ½" Chuck Adapter $7.00

DREMEL MOTO-TOOL KIT

With 24-Piece Accessories Kit



A "Pocket Sized" power tool for all-around craftsmen. Kit includes: Moto-Tool with instant-action, wrench-less chuck, sliding snap-type switch, 115V, AC/DC 27,000 RPM motor with oil-less, sealed bearings. Shock-proof housing. Weighs just 13 ozs., and finger grip lets you do delicate work with ease. Accessories include 3 collets, hi-speed steel cutter, steel saw, bristle and steel brushes, screw mandrel with sanding discs, shoulder mandrel, drum sander, dressing stone, emery points. Metal case.

105-222E4550 ..... $32.95

WEN

4-SPEED

½" Super All Drill With 6 Amp Reversible Motor

Power House Designed for Easy Handling. Big ½ HP 6 Amp motor providing 4 speed ranges, powers its way through masonry, steel, cement, or even concrete block. Has burnout-proof armature, key-lock Jacobs geared chuck. Lightweight polished aluminum housing. Man-sized drill . . . is industrially rated and UL approved. Has auxiliary top-mount post grip for added control.

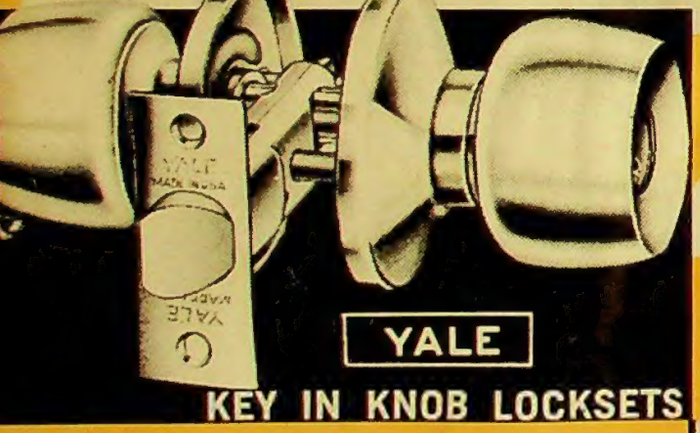
106-950E5590 ..... $44.95

GLUE GUN

Thermogrip Electric Heat Glue Gun Provides 60 Second Bond

This new electric glue gun makes the toughest gluing job as easy as A.B.C. Insert the glue stick into rear of gun, push glue stick with thumb to get hot melted glue to flow from tip and press the glued surfaces together. In 60 seconds you have a tight bond. No clamping. Does instant-set caulking with white sealer sticks.

333-201E980 ..... $7.95
Extra Package 7 Sealer Sticks
333-211E70 ..... $1.00
Extra Package 7 Glue Sticks
333-210E70 ..... $1.00



YALE

KEY IN KNOB LOCKSETS

Combines beauty and convenience. Highly polished Brass finish lock with 5-pin tumbler. For doors 1⅜" to 1¾" thick. Stile bore 2" diam., edge bore ⅞" diam. Fits right or left hand doors. Unlocks by key outside. Locks with a turn of the button inside. Turning inside knob releases lock. Closing door does not release lock. May be keyed alike. Keys incl.

503-5280E1060 Entrance Lockset. $7.80

PASSAGE LOCK

Handy for closet vestibule and connecting doors. No lock. Operated by knob both sides. Reversible. Plain latch lockset.

503-5283E430 ..... $3.75

BEDROOM LATCH

Locks by turn button on inside . . . releases by turning inside knob or returning turn button. Inside knob can always be opened.

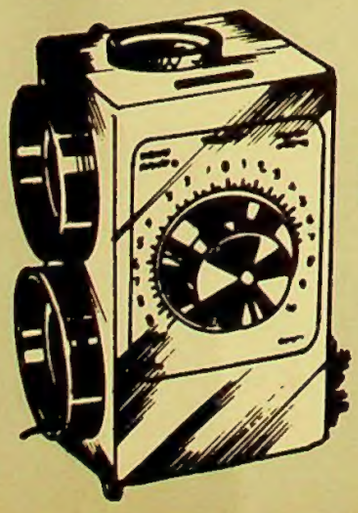
503-5284E600 ..... $4.45

BATHROOM LOCK

Locks, releases same as bedroom lock, plus has emergency key or screwdriver release from outside. Brass outside, chrome inside.

503-5285E640 ..... $4.70

HOPPY SPLIT IMAGE TRANSIT



• Level & Incline Measuring Instrument

Indicates level and measures incline down to a fraction of an inch . . . accurately! Makes bubble-type and string levels obsolete. Shows exact amount of correction needed, as well. And, best of all . . . *one person, working alone can use it.* Measures inclines down to the thinness of a dime at 25 ft.

Deluxe Model, Exterior Sights
525-G2DE800 Transit only. $6.59
Transit above, with Leather Case
525-G2D101E1570 ..... $10.54

A MESSAGE OF IMPORTANCE from

BUDDY RASH
President

U.S. GENERAL SUPPLY CORP.

299 Broadway

RECEIVED
2013 JUL 30 AM 2:49
INFO ACCESS MGMT BRANCH
USPTO SCIENTIFIC LIBRARY

You sent a dollar for this Brand Name Wholesale Tool Catalog

You will get more in return for your dollar than for any other dollar you ever invested. And you will get the dollar back by including your credit certificate from the front of this catalog along with your first order.

You can buy ordinary and off brand tools most anywhere and sometimes at very low prices. Usually they are worth just what you pay for them and no more.

But it's different with recognized-nationally known-brand name tools. They are seldom on sale. When you order from this catalog, you get real value—NATIONALLY ADVERTISED BRAND NAME MERCHANDISE AT WHOLESALE PRICES.

Remember, this catalog does not offer you discounts but rather wholesale prices that give you a real break on tools for your own use, and prices that give you a handsome profit when selling tools to your friends. You can sell with confidence knowing that every item offered carries a double guarantee, our and the manufacturers.

The prices listed in this catalog are competitive retail prices. Your wholesale cost is in secret code. In the front of this catalog and on the back of the order form is an explanation of how to figure your cost on each item. It's so easy you can do it mentally while discussing a product with your customer.

Our huge warehouse stock gives you an inventory no other source can offer to your customers. All orders are shipped within 24 hours. In those very rare cases where an item is short your money is returned at once. Nothing is left dangling to complicate matters.

Most men want good tools and prefer to buy the brand name tools they know. They appreciate buying them at fair prices and yet you make a good profit. That's why our catalog sales at wholesale prices have been so successful. You make money satisfying your customers—and you save money too, when you buy tools for your own use.

Sincerely,

Buddy Rash

Buddy Rash

RECEIVED
2013 AUG 8 AM 2:51
INFO ACCESS MGMT BRANCH
USPTO SCIENTIFIC LIBRARY

P.S. Order now and don't forget to include the certificate from the front of this catalog to get your $1 credit.

Here are a few of the well-known manufacturers whose products are featured in this catalog:

Black & Decker	Eveready	McGraw-Edison	Sherman-Klove	Vise-Grip
Bridgeport	General Electric	Melnor	Shopmaster	Vlchek
Burgess	Husky	Millers Falls	Skil	Waltham
Carborundum	Hyde	Milwaukee	Spaulding	Weldwood
Channellock	Irwin	Motorola	Speedy	Weller
Columbian	Keuffel & Esser	Panasonic	Spray-it	Wen
Dasco	Kennedy	Prestone	Stanley	Williams
Diamalloy	Lancaster	Ram	Starrett	Wiss
Disston	Lawnmaster	Ridgid	Thor	Xcelite
Dremel	Lufkin	Ronson	Toolkraft	Yale
Duro	Marshalltown	Scm	Unimat	Yankee

SUPERCHARGE your car in less than 2 minutes!

GET MORE POWER

ON LESS GAS THAN YOU EVER DREAMED POSSIBLE!

1. Snap off distributor cap.

2. Pull out rotor.

3. Replace with Supercharger.

4. Snap distributor cap back on.

CONVERT YOUR CAR ENGINE TO ELECTRIC POWER! Granted New Patents 2,451,482 & 2,799,792 by U.S. Govt., New ELECTRONIC SUPERCHARGER Harnesses the Untapped Electrical Energy In Your Car's Engine and Puts It To Work For You! You Convert Electronic WASTE Into Unbelievable Performance, Get New Surging Power, Super Gas Mileage!

How many times have you tramped down on your gas pedal at a light only to find yourself left in a cloud of dust? Or, how often have you tried to pass a slow driver and found yourself without the power you needed? Well, suppose that *right now* you could walk out to your car, lift the hood, and in less than 2 minutes, WITHOUT A SINGLE TOOL, add MORE EXTRA HORSEPOWER to your engine capacity, MORE EXTRA MILES PER HOUR to your top speed and MORE EXTRA MILES PER GALLON to your gas mileage!

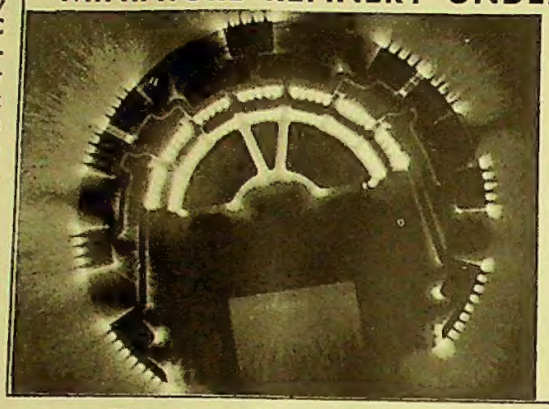
Suppose, too, that in less than those 2 minutes you could get longer oil life, longer spark plug life, longer engine life . . . PLUS quicker starts in the morning and smoother running . . . PLUS sports car pep and response, regardless of the year, make or model of your car? Does all this sound "too good to be true"? Well, hard to believe or not, it is TRUE, it's available TODAY, and it costs little more than a tankful of gas. It's the brand-new ELECTRONIC SUPERCHARGER designed to bring all these tremendous benefits to your car RIGHT NOW!

MIRACLE OF OUR SPACE AGE

How does the ELECTRONIC SUPERCHARGER accomplish these mileage and performance miracles? Well, gasoline, as you know, is one of the most powerful fuels on earth . . . in fact, a half-pint of gas has more energy than five sticks of dynamite combined! But what happens to all this power once it gets in your car's engine. *Where does it disappear to?*

The answer is simple . . . your present engine just isn't equipped to extract all the vital energy available in the fuel. Up to 30%—that's almost one-third of your gas mileage—goes wasting away right out your exhaust pipe, *unused, untapped, WASTED!* Can something be done about this incredible inefficiency? The answer is YES—at last—with the miracle ELECTRONIC SUPERCHARGER!

NEW ELECTRONIC SUPERCHARGER IS LIKE A MINIATURE REFINERY UNDER YOUR HOOD!



HERE IT IS...THE ELECTRONIC SUPERCHARGER IN ACTION . . . caught by the eye of an ultra high speed camera at California's Aero Laboratory... dramatically at work bombarding the firing chambers with pre-ionized radiant energy... unlocking the latent powers in wasted hydrocarbon atoms, THE VERY SAME ATOMS FOUND IN ORDINARY GASOLINE, ATOMS THAT YOU CAN NOW UNLEASH INTO NEW SUPER-SURGING POWER—MORE MILES PER GALLON EVERY SINGLE MILE YOU DRIVE! Yes, by bombarding and irradiating the contents of all the cylinders, the air fuel mixture burns more evenly, more smoothly, more completely. Carbon can't form!

HOW DOES IT WORK?

Every mile you drive, your ELECTRONIC SUPERCHARGER bombards the firing chambers in your engine with countless electronic charges of PRE-IONIZED RADIANT ENERGY . . . breaking up the molecular balance of your gasoline...making it ignite faster...supercharging the mixture so that it has more explosive power, more driving force . . . actually paving the path of a final surging burst of ignition. Look at it this way.

With regular ignition, it's like trying to set fire to a log with a match . . . but with electronic supercharging it's like breaking that log into tiny shavings and then igniting it with a blow torch. The result is instantaneous firing of the fuel in the gas chamber. That means: **1. Instant starting even in below zero weather. 2. Smoothest idling you ever hoped for. 3. Instant response to the gas pedal. 4. More miles per gallon. 5. Freedom from ignition problems. 6. An always cleaner, more efficient engine—free from knocks, pings, bucking even under the heaviest loads.** You get all this using only the *extra electronic power* that every car now generates!

WHAT IT MEANS TO YOU!

It means that if you are sick and tired of seeing your car literally *ignore* waste and watching power drain out the exhaust pipe . . . if you are sick and tired of putting in a 35c gallon of gas and getting back a mere 10c worth of performance . . . if you're the kind of driver who wants his car to MOVE when he steps on the gas...if you like your car to START when you turn it on...whether your car is a 6- or 8-cylinder, stick shift or automatic, brand-new or ten years old . . . here at last is how to supercharge your engine and get the power you've dreamed of!

READ THESE AMAZING REPORTS!

MOTOR TREND installed units on several test cars and kept mileage records. A 1957 six-cylinder Chevrolet was giving 19 miles to the gallon. Mileage increased to 21.6 mpg!

"Revolutionary gas saver!" says the very respected NEWS BULLETIN. On a Studebaker Commander that had been averaging 10.2 mpg, they averaged 22.5 mpg . . . an increase of 35.6%!

AUTOMOTIVE SERVICE DIGEST says... "Now along comes a development that literally introduces a "third circuit" which actually becomes an integral part of the system."

GUARANTEE

The Electronic Supercharger is unconditionally guaranteed to give you complete satisfaction or your money back. It will never wear out and can be moved from your old car to your new car providing they are the same model.

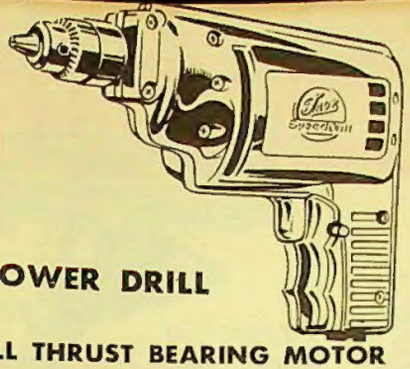
FITS ALL AMERICAN CARS AND THE FOLLOWING IMPORTED CARS

62-64 BMW	59-63 Lloyd
57-64 Borgward	52-64 Mercedes-Benz
52-64 Daimler-Benz	55-64 Porsche
57-64 Ford, German	57-61 Vauxhall
57-60 Goliath	60-64 Volkswagen
59-64 Karmann Ghia	53-64 Volvo

HOW TO ORDER

State Make, Year and Model of Car, Number of Cylinders.

435-234E1590 . . . $9.95



Thor

3/8" POWER DRILL

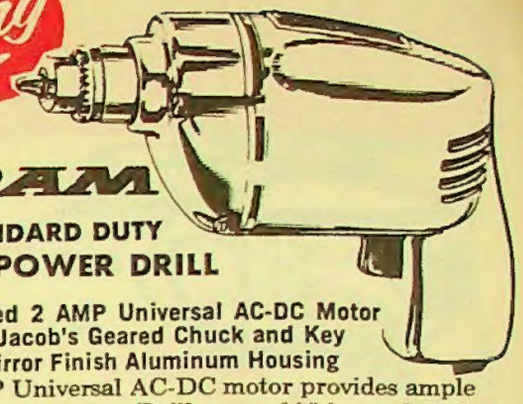
- 3 AMP BALL THRUST BEARING MOTOR
- UL-INDUSTRIAL RATED—CSA APPROVED

A professional drill with many quality features. Has 3/8" drilling capacity in steel, a no load speed of 1000 RPM. The heavy duty ball bearing construction assures power, versatility and handling ease. Perfect for farm, garage, construction or maintenance work. 6-foot, 3 wire lead cord, 115 V., 3 Amp, 25-60 cycle, AC only.

102-912E2360 ..... $19.95

National Known POWER TOOLS AT LOWEST PRICES

fury



RAM

STANDARD DUTY 1/4" POWER DRILL

- Rugged 2 AMP Universal AC-DC Motor
- With Jacob's Geared Chuck and Key
- All Mirror Finish Aluminum Housing

2 AMP Universal AC-DC motor provides ample torque and power. Drills up to 1/4" in steel. 2000 RPM no load speed, 1200 RPM full load speed. Has geared chuck with key, multiple thrust bearings, automatic trigger switch. Large capacity 2 AMP motor. 115 Volt, AC-DC.

109-F11E1490 ..... $18.95

DEPENDABLE VARIABLE SPEED DRILLS

- Sensitive variable speed control
- Powerful Universal type motor
- Welded commutator leads for burn-out protection
- Industrial rated for long life dependable operation
- Ball thrust bearings

Built for years of hard use. Heavy-duty 3 AMP motor can handle the strongest loads. Just squeeze the trigger for the exact speed you want for every job. Slow speeds for starting holes and paint mixing, medium speeds for plastic and metal drilling, fast speeds for wood drilling and sanding. Highly polished die-cast aluminum housing. Automatic trigger lock, geared chuck. 115V., AC.

1/4" drill with variable speed control from 0 to 2000 RPM.
110-70582E2660 ..... $23.95

3/8" drill with variable speed control from 0 to 2000 RPM. Left or right auxiliary handle.
110-70578E2990 ..... $28.95

MANNING BOWMAN

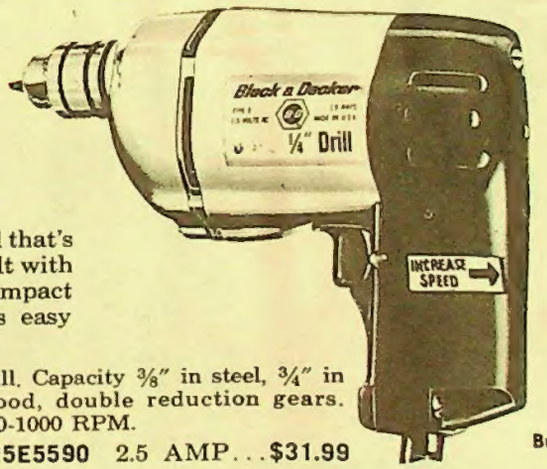
RUGGED 3 AMP DRILLS THAT OFFER CONTINUOUS POWER OPERATION AT ANY SPEED

Black & Decker

VARIABLE SPEED DRILLS DESIGNED FOR THE ADVANCED CRAFTSMAN

- Dependable Controlled Power
- Exclusive GEARED Non-Skip Rheostat
- Solid State Circuits for Trouble-Free Service

The operator's finger controls the exact speed that's required. No power skipping or stalling. Built with reserve power to drive major accessories. Compact mirror finished contoured housing provides easy handling. 115 V., 1/6 H.P. motor, AC.



1/4" Drill. Capacity 1/4" in steel, 1/2" in hardwood. Speed 0-2250 RPM. 2.4 AMP.
101-205E4600 ..... $26.99

3/8" Drill. Capacity 3/8" in steel, 3/4" in hardwood, double reduction gears. Speed 0-1000 RPM.
101-225E5590 2.5 AMP... $31.99

NEW!

SKIL

CONTROLLED POWER FROM 0 to 2000 RPM

Burn-out motor protection | In 1/4", 3/8" and 1/2" sizes | Exclusive Trigger Finger Speed Control

A revolutionary advance in portable power tools, employing solid state physics permits drilling at exact speed needed simply by varying finger pressure. No dials, buttons or rheostat attachments to worry about. Control is so accurate holes can be made in steel without center punching. Geared chuck. 2½ AMP motor on 1/4" drill. 3 AMP motors on 3/8" and 1/2" drills. 115V, AC.

104-501E3820	1/4"	2½ Amp	0 to 2000 RPM	$25.95
104-569E4990	3/8"	3 Amp	0 to 1000 RPM	$33.95
104-545E5600	1/2"	3 Amp	0 to 750 RPM	$37.95

WITH REVERSING TRIGGER SPEED CONTROL

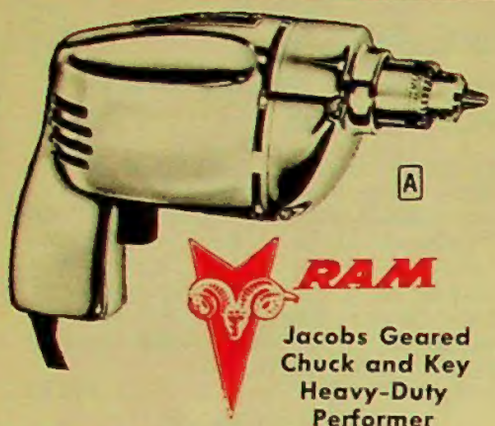
104-596E4700	1/4"	2½ Amp	0 to 2000 RPM	$31.95
104-597E5900	3/8"	3 Amp	0 to 1000 RPM	$39.95
104-598E6450	1/2"	3 Amp	0 to 750 RPM	$43.95

Strombecker CORDLESS Electric Drill

Drill where you will with this battery-operated tool! No cord to hamper you, no bulk to wield. Compact and super-speed, delivers 10,000 rpm with 2 standard C batteries. Drills through plastic, wood, metals. Complete with 2 drills, .0375 and .032, de-burring attachment and router with .042 shank. 8" long heavy-duty polystyrene.

128-7076E590 ..... $3.98

AMERICA'S BEST KNOWN HEAVY DUTY ¼" POWER DRILLS



Jacobs Geared Chuck and Key Heavy-Duty Performer

(A) RAM 2.4 AMP. WORK-HORSE

Built for years of use on heavy duty jobs for home or industry. The universal series wound motor gives a ½" capacity in hard wood and ¼" capacity in steel. No load speed 2000 RPM — full load speed 1200 RPM. Automatic release trigger switch with locking pin, multiple thrust ball bearings. Lightweight aluminum housing. Unit measures 9", 115 V., AC-DC. UL approved.

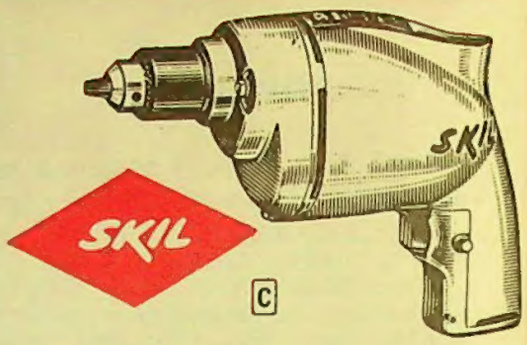
109-250E2480 ..... $23.50

BALL BEARING
2½ Amp. Motor

(B) FINEST THOR ¼" DRILL

Here's a 2½ Amp. "all around" drill that handles the hardest jobs with power to spare. Solid steel, heat treated helical gears, packed in Life-time grease. Trouble free therm-o-weld motor plus ball bearing construction. Switch assembly makes trigger locking and releasing easy. UL-industrially rated. 1500 RPM full load, 2200 no load, 115 V., AC.

102-910E2080 ..... $14.95



3 Amp. Motor
BALL AND NEEDLE BEARINGS
Develops up to ¼ HP

(C) SKIL'S POPULAR ¼" DRILL

For the tradesman and home craftsman who want a rugged performer to handle the toughest jobs, specially designed for fast, accurate ¼" drilling and 'round the clock production work. 3 ball and one needle bearing construction means longer service-free operation. Geared key chuck, precision-cut helfical gears. 3.0 Amp., 2500 RPM, 115 V., AC-DC.

104-550E6300 ..... $42.95

B·D

Black & Decker

¼" DELUXE UTILITY DRILL

Includes 13 pc. Chrome Vanadium Drill Set

Ruggedly built to deliver the top quality performance demanded by expert craftsman. Has the reserve power needed to drive major accessories. Improved helical gears and increased torque can handle the toughest job. Compact contour housing. Drills ¼" in steel, ½" in hardwood. 2250 RPM. AC only. 1.9 Amp.

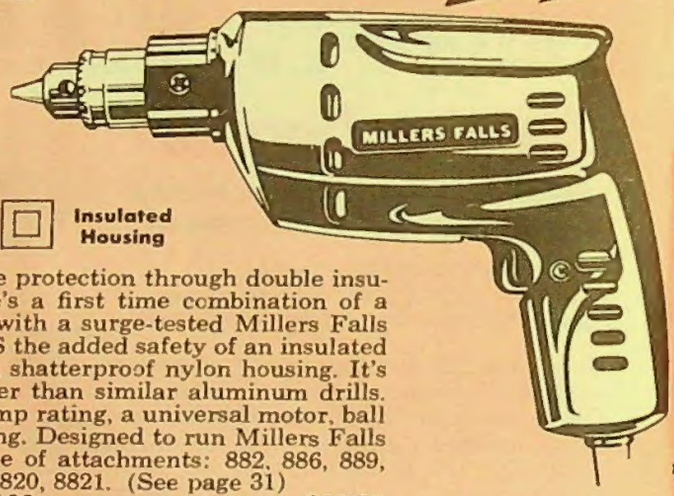
101-CV100E1998 ..... $13.00

2.3 amp. with needle and sleeve bearings.

101-CV202E2990 ..... $17.99

MILLERS FALLS TOOLS

SHOCKPROOF DYNO-MITE



Insulated Chuck | Insulated Housing

Gives double protection through double insulation. Here's a first time combination of a safety drill with a surge-tested Millers Falls motor PLUS the added safety of an insulated chuck and a shatterproof nylon housing. It's a 20% lighter than similar aluminum drills. Has a 2.7 Amp rating, a universal motor, ball thrust bearing. Designed to run Millers Falls complete line of attachments: 882, 886, 889, 8810, 8815, 8820, 8821. (See page 31)

103-1544E4130 ..... $29.50

STANLEY

Mighty Midget ¼" & ⅜" Drills

Includes 13 pc. Chrome Vanadium Drill Set

These drills are real fistfuls of power. Each one has the torque and speed for dependability under continuous duty. Double-pole trigger switches. Removable auxiliary handle gives perfect control. Ball and needle bearings. 115 volts. AC-DC.

CV90053E7300	¼"	3	1700	$46.50
CV90054E10500	¼"	3	2000	62.50
CV90055E10500	¼"	3	2500	62.50
CV90056E10500	¼"	3	3500	62.50
CV90057E10500	¼"	3	5000	62.50
CV90063E9300	⅜"	3	1000	56.50
CV238E14000	⅜"	2.7	600	80.00

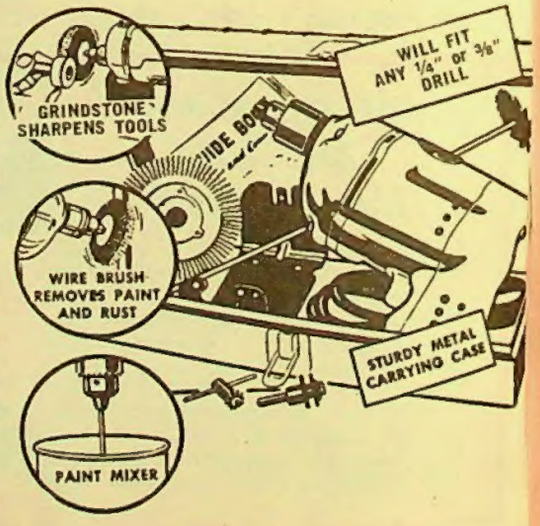
BLACK & DECKER

25 PC. BASIC ¼" or ⅜" DRILL KIT

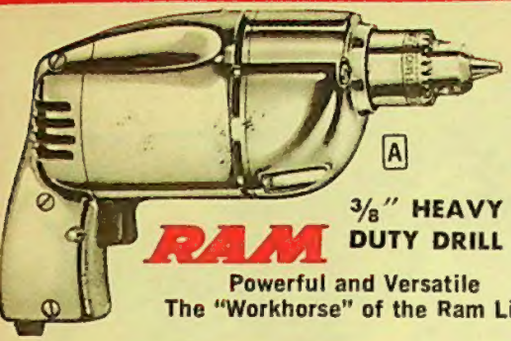
Home fix-up problems are quickly solved with this new B & D drill kit. Contains 3 twist drill bits, polishing pad, rubber backing pad, 15 assorted-grit sanding discs, wire wheel brush, grinding wheel, cotton buff, wheel arbor, paint mixer, sturdy case with hinged lid and handle. (Drill not included.)

25 pc. set

101-25PCE1450 $10.00



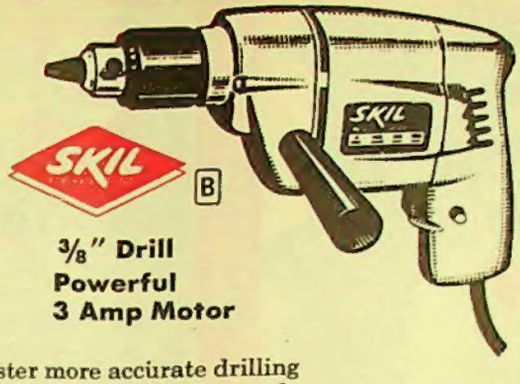
3/8" DRILLS Super-Powered for Industry



A

RAM 3/8" HEAVY DUTY DRILL

Powerful and Versatile
The "Workhorse" of the Ram Line



SKIL

B

3/8" Drill
Powerful
3 Amp Motor

C

Black & Decker

INCLUDES 13 PC. CHROME VANADIUM DRILL SET

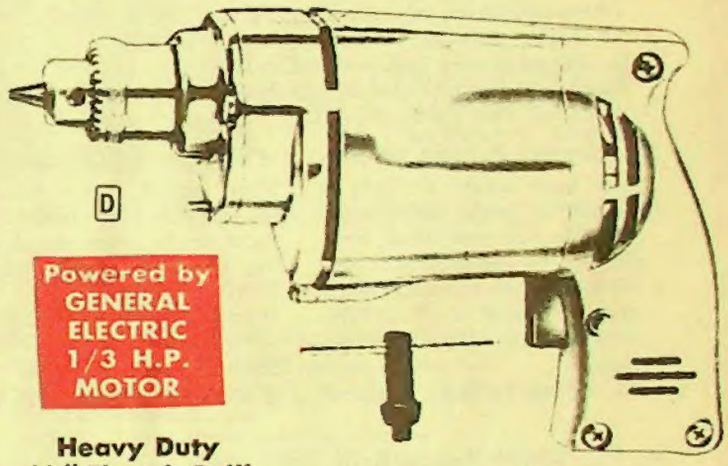
(A) Here is one of the most powerful drills on the market. With its 3/8" Jacobs geared chuck and 115 V. AC-DC 2.4 Amp motor there's hardly a drilling job it can't do. Up to 5/8" capacity in wood, 3/8" in steel. Has a speed of 1000 RPM. An aluminum housing, steel helical gears, multiple thrust ball bearing. Cord: 3-conductor. 9½" long.
109-380E3390 ..... $33.75

(B) For faster more accurate drilling in maintenance or production work. It's 40% more powerful than other drills in its price range! Amazingly easy to handle, because of its lightweight design, and compact pistol grip. Quality built with heavy-duty ball bearings on chuck spindle. A Universal 3 Amp motor that performs smoothly without vibration. 1000 RPM.
104-560E3650 ..... $28.95

(C) Geared to the correct torque and speed for drilling with all types of bits, including wood augers up to ¾" and masonry bits to ½". Drives hole saws from 5/8" to 1¼" 1000 RPM. 13 pc. chrome vanadium drill set included.

2 Amp motor—all sleeve bearings.
001-CV124E2880 AC only . **$17.44**
Deluxe drill—needle & sleeve beargs.
001-CV223E3800 AC only . **$23.99**
Professional drill—Roller bearings.
001-CV320E7190 AC-DC . **$42.99**

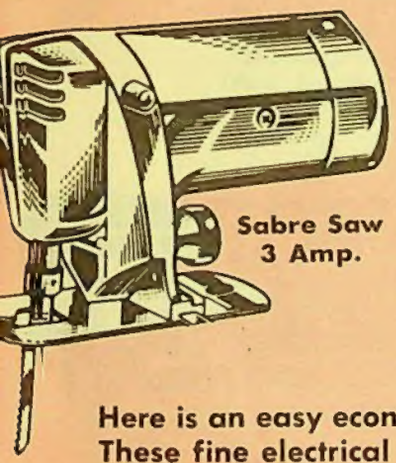
(D) Packed with extra power for jobs that a ¼" drill can't handle. Ball thrust bearings, die-cast mirror finish aluminum housing and micro-machined alloy gears make this a top-quality tool. ⅓ H.P. motor with Jacobs geared keyed chuck delivers a speed of 1250 RPM. 3/8" capacity in steel, 1½" in hard wood. Automatic trigger release switch. 115 V., AC-DC.
108-1110E2390 ..... $27.95



D

Powered by GENERAL ELECTRIC 1/3 H.P. MOTOR

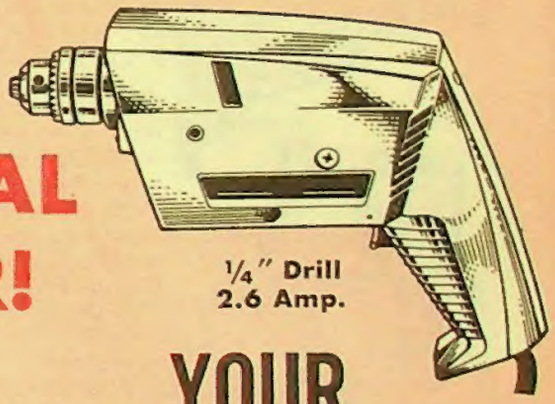
Heavy Duty
3/8" Electric Drill



Sabre Saw
3 Amp.

Straight Line
Finishing
Sander

SPECIAL OFFER!



¼" Drill
2.6 Amp.

Here is an easy economical way to start your own home workshop. These fine electrical tools are precision-built by McGraw Edison to give you long dependable service at an unusually low price. Select any one — jig saw, sander or drill — each is available at a very special price. Buy all three and save even more.

YOUR CHOICE OF 3 McGRAW EDISON Power House Tools

THE SABRE SAW with die-cast aluminum housing, fingertip control button. 3 amp motor gives 3000 strokes per minute. Air stream clears cutting line, 45° cut to either side.

THE SANDER. Lightweight, compact sander with high-impact phenolic housing, easy to grip handle. 18" sanding surface, 14,400 strokes per minute, finger-tip control switch.

THE DRILL designed for long life and hard use. Die-cast aluminum housing, powerful 2.6 amp motor, precision ball thrust bearings. No load speed of 2,000 RPM.

110-70176E1390 ¼" Drill **$11.95**
110-73129E1790 Sabre Saw **15.95**
110-72109E1590 Sander **13.95**

SPECIAL COMBINATION DEAL to start your home work shop. All three POWERHOUSE tools (¼" drill, sabre saw and sander) at one special low price.
110-3TE4500 ..... $38.85

½" DRILLS

FOR CONTRACTORS AND INDUSTRY

These drills can take the toughest drilling jobs with power to spare. Compact, lightweight, helical cut steel gears, hardened shafts, ball and roller bearings. Trigger switch, Jacob's industrial chuck, key holder and side handle are included. 115 Volts, AC-DC.

General Purpose Drills

For heavy-duty drilling in concrete, heavy steel plate and for hole saw work. Preferred by electricians for high drilling speeds. Has a no load speed of 560 RPM. Geared for the heaviest jobs.

107-1000E10700 . . $59.50

For Plumbing Contractors

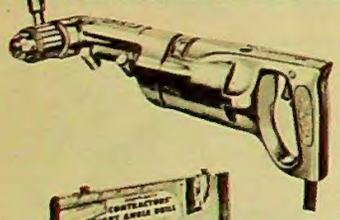
Slow speed, high torque models. Can be used with right angle drives for drilling between joints, studs, hard to reach areas.

Medium Speed, 450 RPM
107-1100E11700 . . $65.00

Slow Speed, 320 RPM
107-1200E11700 . . $65.00

Right Angle Drill Kits For Plumbers and Electricans

Milwaukee



Designed to use as a straight drill or with right angle drive for drilling between joints and other hard -to - reach areas. With right angle drive, drills have two speeds — high for small holes, low for large ones. Fits drill models 1000, 1100, 1200 shown above. Easy to attach. Head swivels 360°, locks into place.

107-2870E4300 . . . . . $24.50

PROFESSIONAL PLUMBERS KIT

Kit contains No. 1100 heavy-duty ½" drill. No. 2870 right angle drive, 1 ⅛" auger bit, 2 9/16" self-feed bit, wrench side handle, chuck remover bar and steel Carrying Case.

107-3100E20000 Complete Kit $111.50

Same as above with No. 1200 heavy-duty ½" drill.

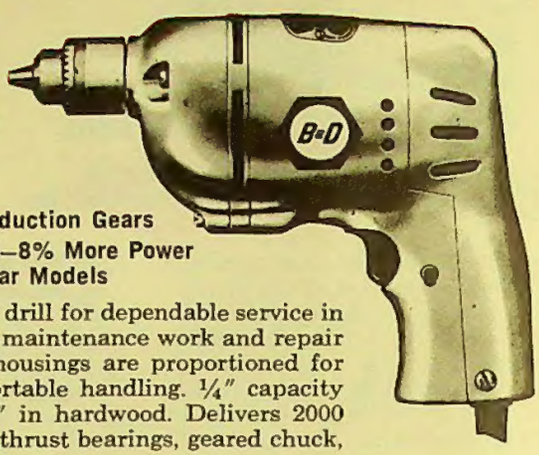
107-3200E20000 Complete Kit $111.50

DELUXE ELECTRICIANS KIT

Kit contains No. 1000 heavy-duty ½" drill, No. 2870 right angle drive, ¾" electrician bit, wrench, chuck remover bar, side handle, steel carrying case.

107-3000E15900 Complete Kit $89.50

Black & Decker®

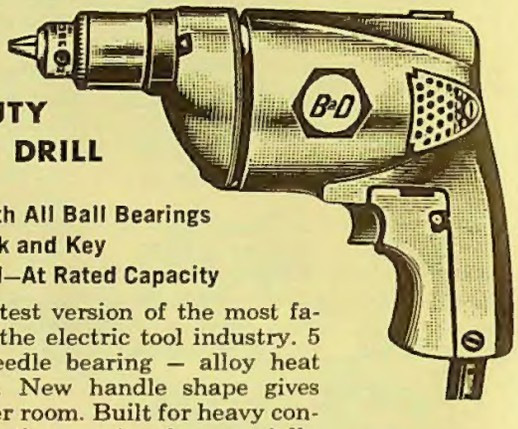


¼" SPECIAL DRILL

- Double Reduction Gears
- 2000 RPM—8% More Power than Similar Models

The perfect drill for dependable service in all types of maintenance work and repair jobs. New housings are proportioned for more comfortable handling. ¼" capacity in steel, ½" in hardwood. Delivers 2000 RPM. Ball thrust bearings, geared chuck, 2 amp motor.

101-30E4360 . . . . . $25.00

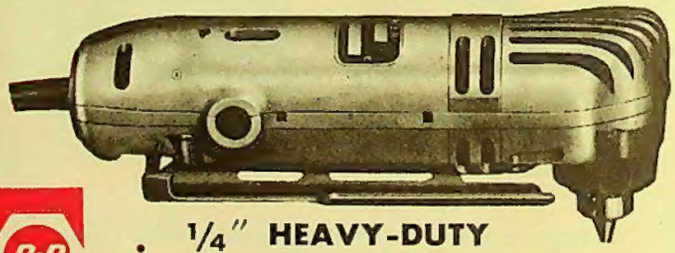


¼ INCH HEAVY-DUTY 'HOLGUN' DRILL

- Equipped with All Ball Bearings
- Geared Chuck and Key
- Will Not Stall—At Rated Capacity

This is the latest version of the most famous drill in the electric tool industry. 5 ball and 1 needle bearing — alloy heat treated gears. New handle shape gives plenty of finger room. Built for heavy continuous production service, its especially good in "close-corner" drilling. Has a ¼" capacity in steel. ½" in hardwood. 1700 RPM. 115 V., AC-DC. 3 AMP.

101-457E9990 . . . . . $57.00



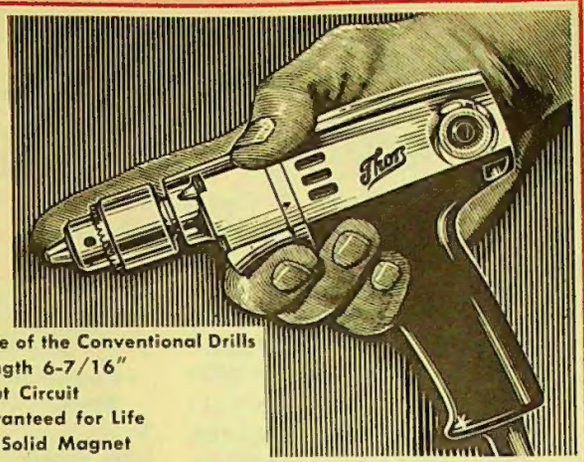
¼" HEAVY-DUTY SHORTY DRILL

All Ball And Needle Bearings

- Designed for Heavy-Duty Production Line Use
- ¼" Capacity in Steel, ⅛" in Hardwood
- Smallest, Most Compact Drill Available

This versatile giant of a drill with its offset head permits work "around corners" and in small openings. Small round motor housing requires no extra handle. All ball and needle bearing consruction. No load speed of 2000 RPM. A full load speed of 1000 RPM. For the man who needs professional equipment. Only 3⅝" from tip of chuck to rear of housing. 8¾" long.

100-668E10500 . . . . . $60.00



Thor

COMPACT ELECTRIC DRILL

- Half the Size of the Conventional Drills
- Overall Length 6-7/16"
- Diode Imput Circuit
- Stator Guaranteed for Life
- Permanent Solid Magnet

This Thor drill is the newest advance in compact drill design. A real fistful of power. Built-in diode rectifier feeds only DC to the motor. Drill has a ¼" capacity in steel, ½" in wood, and no load speed of 1250 RPM. Spindle offset 19/32", 3-jaw geared chuck, key. 115V, AC.

102-110E6440 ..... $38.50

Thor

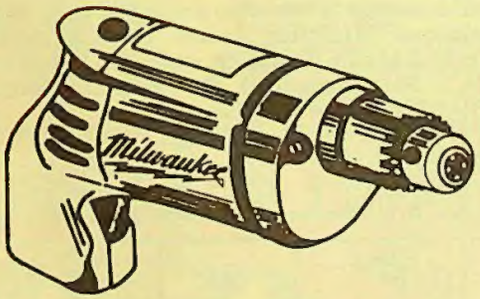
HEAVY DUTY DRILLS

All Ball and Needle Bearing Drills

- Dependable, Heavy Duty Performer
- Extra-Powerful 3.1 AMP Motor 115 V, AC-DC

For rugged use, these all-new SpeedDrills are of top-quality. Designed and built in models to conform to rigid Government specifications, they feature all ball and needle bearings, finest heat-treated alloy steel precision gears. Heavy-duty geared chuck with key. Oversize operating switch with locking pin for continuous duty. All are UL and CSA-approved for industrial use.

102-503E5590 ¼"–2200 RPM $39.95
102-506E6990 ⅜"–1000 RPM $49.95



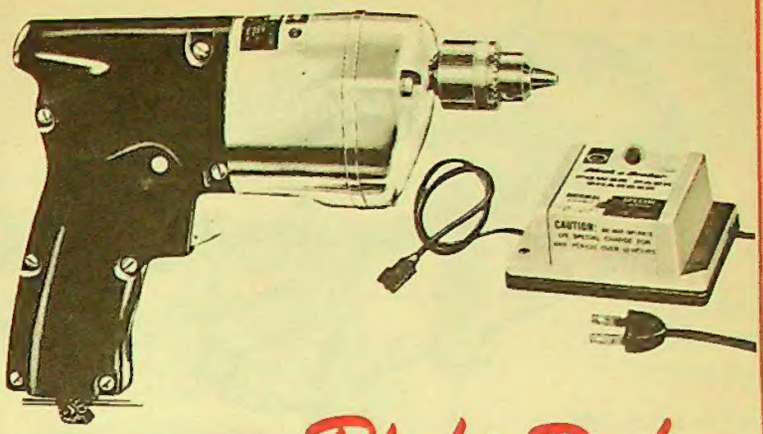
Milwaukee

Heavy-Duty Industrial Lightweight ¼" Electric Drill

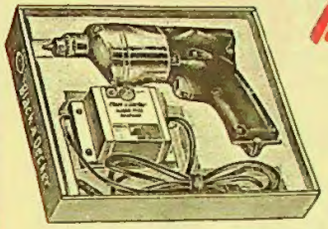
The easiest-to-use most comfortable drill ever made!

This brute-powered marvel puts the punch where it counts right behind the chuck. Especially made for general maintenance. 4 lifetime lubricated ball bearings, balanced rotor–24 bar commutator, Jacob's industrial key chuck, key holder, lockable pinchproof trigger. Best ¼" drill value. Perfect for the advanced craftsman.

Model	Size	No Load	Full Load	Price
107-0100E6990	¼"	2000	1250	$39.95
107-0180E9700	¼"	2500	1450	$54.50
107-0220E10700	⅜"	650	380	$59.50



Black & Decker



No Cord! No Plug! No Outlets To Worry About!

GOES TO WORK ANY TIME ANY PLACE

NEW! World's First Cordless Drill

- Newly Designed ¼" Full Powered Portable Drill
- Operates on a Mighty Self-Contained Power Pack
- Imagine! This Drill Bores 300, ⅛", 200, ¼", 75, ½" Holes on a Single Charge
- Includes 13 pc. Chrome Vanadium drill set

This jet-age portable drill operates on a self-contained power pack. Takes 400 charges, recharges in 10 hours with the B&D Power Pack Charger that connects to any 110-120 electric outlet. Chuck takes ¼" bit shanks. Drill weighs only four pounds. Has a No Load Speed of 800 RPM. Polished die-cast aluminum gear and field case housing. "Cycolac" pistol grip handle.

101-CV601E10790 Drill with Charger $62.99
101-CV600E8990 Drill without Charger $52.99
101-6000E1640 Charger only $10.00

B&D POWER TOOLS

POWERFUL ¼" AND ⅜" ELECTRIC DRILLS BUILT FOR PROFESSIONAL SERVICE

- High Precision Roller Bearings
- Built for Construction, Shop or Trade Use
- Ball Bearing Construction for the Utmost in Power
- Includes 13 pc. Chrome Vanadium drill set

This powerhouse drill has its power stepped up to a beefy 2.2 AMP for fast drilling. Precision roller bearings add 20% more power. Provides high air intake for cooler operation. ¼ H.P. 115V., AC-DC.

101-CV300E6190 ¼" Drill–2250 RPM $37.44
101-CV320E7190 ⅜" Drill–1000 RPM $42.99

1/2 INCH DRILLS—QUALITY BUILT

VERSATILE CONTROL DELIVERS

Full Load of 340, 540, 1620, 1930 RPMS

No Load of 630, 730, 2200, 2400 RPMS

WEN

6 AMP
4-SPEED
REVERSIBLE

- Motor Drives Chuck Thru Double-Deduction Gears
- Industrial Rated, Gives Lifetime of Service
- Welded Armatures Offer Burn-Out-Proof Protection

This mighty drill combines lever shift gear reduction to produce 4 speeds at the chuck. All of these speeds are available in reverse. Full ½ H.P. Universal motor has a ½" capacity in steel. This unit is powered for continuous duty. It is ideal for use by carpenters, plumbers, around-the-clock repairmen. Measures 11" long. 120 V., AC-DC.

106-950E5590 ..... **$44.95**

SKIL

COMPACT ½" DRILLS

Eight Oversize Precision Ball Bearings

- Auxiliary Handle for Control
- All Ball and Needle Bearing Construction
- Reliable Gear Chuck

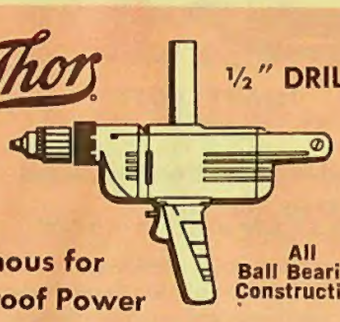
Ideal for boring between studs, joists, other tight spots. Delivers the necessary torque to drive large hole saws and self-feeding bits. Over-size gears of alloy steel. Burn-out protected motor delivers a no load speed of 450 RPM. 5 Amp., 115 V., AC-DC.

104-680E13200 ..... **$89.95**
With reverse
104-681E13900 ..... **$94.95**

- Dual Action Hammer-Drill
- Bores ⅞" in Masonry or ½" as a regular drill
- Powerful 5 AMP Motor... 22,000 RPM

Truly a miracle drill. Powerfully constructed for dual action service. Use it as a hard-hitting hammer for drilling up to ⅞" holes in masonry, or as a ½"'er on regular drilling jobs. It's ideal for heavy-duty day-in, day-out drilling in industrial or maintenance work. Front cap removes for easy brush and motor inspection.

104-624E17600 ..... **$119.95**



Thor

½" DRILL

Famous for Stall Proof Power

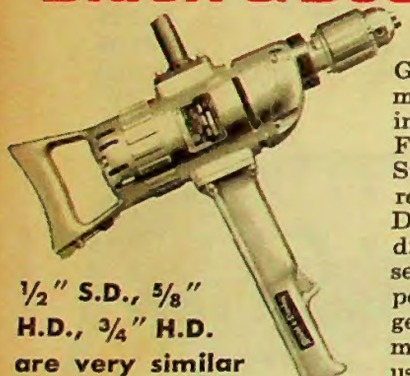
All Ball Bearing Construction

- Heavy-Duty Construction
- Geared for severe Service

These are production tools—designed with power to spare for heavy duty use at rated capacity. All-steel precision hobbed heat-treated gears, precision geared chuck, hi-polished die-cast aluminum alloy housings. Capacity ½" in steel 1½" in wood. 500 RPM.

102-EJ9E12720 ..... **$75.00**
102-EJ9RE14250 Rev. **84.00**

Black & Decker® Big Capacity Ball-Bearing Drills



½" S.D., ⅝" H.D., ¾" H.D. are very similar

Greater torque, easier handling and more power than has ever been built into any Electric Drill of equal size! Features include – (1) Reversing-Switch Ring, equal power in both directions. (2) Taper mounted "Key-Drive" chuck for positive slip-proof drive. Can be removed or attached in seconds—no press needed. (3) Especially heat-treated and hardened gears for extra-long service. (4) Removable handles permit drill to be used as Power Unit.

Capacity: steel ½" with chuck, ¾" with #2 M.T.S.; hardwood 1½" with chuck. **Speed:** no-load 450 R.P.M. **Bearings:** 6 ball, 2 needle. **Weight:** net 15¾ lbs.; **Optional:** No. 2 Morse Taper Socket instead of chuck.

101-575E21800 ½" Super-Duty ... **$125.00**

Capacity: steel ⅝" with chuck, ¾" with #2 M.T.S., 1" with #3 M.T.S.; hardwood 1¾" with chuck. **Speed:** no-load 375 R.P.M. **Bearings:** 6 ball, 2 needle. **Weight:** net 16⅝ lbs., **Optional:** No. 2 or No. 3 Morse Taper Socket instead of chuck.

101-576E2400 ⅝" Heavy-Duty .. **$137.00**

Capacity: steel 13/16" with chuck, ¾" with #2 M.T.S., 1" with #3 M.T.S.; hardwood 2" with chuck. **Speed:** no-load 375 R.P.M. **Bearings:** 6 ball, 2 needle. **Weight:** net 17¼ lbs.; **Optional:** No. 2 or No. 3 Morse Taper Socket instead of chuck.

101-644E25 800 ¾" Heavy-Duty .. **$147.00**

101-13857E15300 Size 60 drill stand for all B&D ½" to 1" drills.. **$87.50**

Extra Heavy Duty Drills up to ¾"

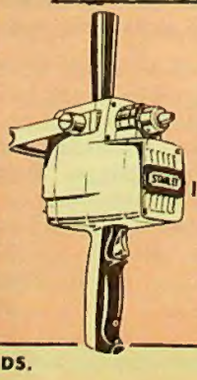
½" HEAVY-DUTY DRILL

General-purpose drill built for plumbers, electricians, etc. Armature and chuck-spindle mounted on ball-bearings. Precision geared chuck. Well balanced. Minimum spindle offset. **Bearings:** 3 ball, 5 needle. **Capacity:** steel ½", hardwood 1⅛". **Speed:** no-load 450 R.P.M. **Length:** 13½" **Weight:** net 9¾ lbs.

101-425E13100 ..... **$75.00**

STANLEY DRILLS

For Carpenter's Plumber's Electrician's!

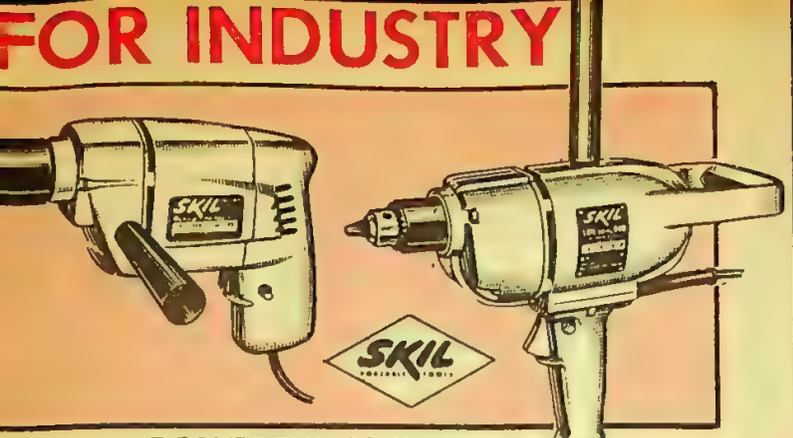


½" STANLEY DRILLS. Unique design for perfect leverage and torque control. These are the only drills that can get between floor joists, studding with maximum power. Provide right-angle drilling without attachments. Ball-bearing. 115 Volt, AC-DC.

Includes 29 pc. Chrome Vanadium Drill Set

Catalogue No.	RPM	AMP	PRICE
91722/29E9390	400	3.5	$59.50
With reversing feature 90976/29E16850	4.25	4.5	$99.50

FOR INDUSTRY



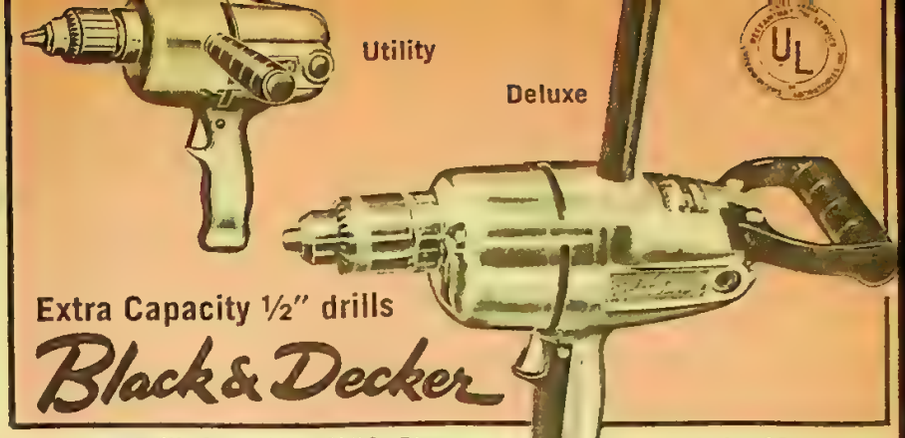
POWERFUL ½" DRILLS

- New Compact Design
- Packs a 3 AMP Punch
- ½" Lightweight Chuck
- Removable Side Handle
- Lowest in Price

- Big Capacity
- Drills 1" in wood
- Rugged 3.5 AMP Motor
- Offers 20% more Power
- Removable Handles

Big drill performance with small handling ease. Double-reduction gears deliver both torque and power. Multi-ball thrust bearing for heavy drilling. Lightweight ½" chuck. Removable handle for extra control. Cool running 3 AMP motor. 750 RPM.
104-541E4150 ..... $32.95

Big 3.5 AMP drill for up to 20% more torque and power than former models. Bores 1" in wood, drives hole saws and self-feeding bits. Geared chuck, removable top and rear handle. Trigger-type, spring-loaded locking switch. 115 V., 500 RPM, AC-DC.
104-542E8100 ..... $54.95



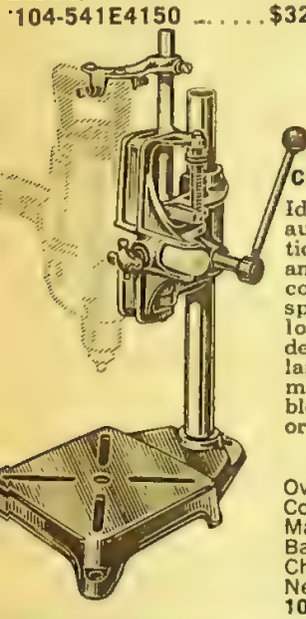
Extra Capacity ½" drills

Black & Decker

- Drills from ⅛" to ½" in Steel.
- Extra-Capacity for large holes.
- 4 AMP Motor for fast drilling.
- Converts to drill press with stand.
- Includes 29 pc. chrome vanadium drill set.

Powerful drills that bore from ⅛" to ½" in steel, drive wood augers up to 1" and hole saws up to 3". They have that "extra" capacity needed for larger holes in machinery repair work. Coupled with ½" bench stand they make ideal drills. Instant release trigger switch can be locked on 3-wire cable with plug. 115V.

Utility Drill, 4 amps, 500 RPM. AC only.
101-127/29E6990 ..... $49.99
Deluxe Drill, 4½ amps, 500 RPM, AC-DC.
101-226/29E9990 ..... $59.99
Vertical Drill Press Stand for ½" drills above.
101-2301E5990 ..... $38.95



NEW DRILL STAND

Converts ½" Drill Into Press

Ideal for farm or home shop, automotive shop, construction and light industry. Rack and pinion gear feed assures control; heavy duty clock spring return mechanism; lock nuts for fast drilling depth adjustment; portable; large work surface slotted for mounting drill vise or V-block; drilled lugs for bench or truck mounting.

SPECIFICATIONS

Overall height ..... 20½"
Column diameter ..... 1½"
Maximum feed ..... 2¾"
Base surface ..... 7½"x7½"
Chuck to column ..... 6"
Net weight ..... 14 lbs.
102-585E4980 ..... $35.95

MANNING BOWMAN

Giant Motor Delivers 6 AMPS of Brute Power
HIGH POWER - LOW PRICE

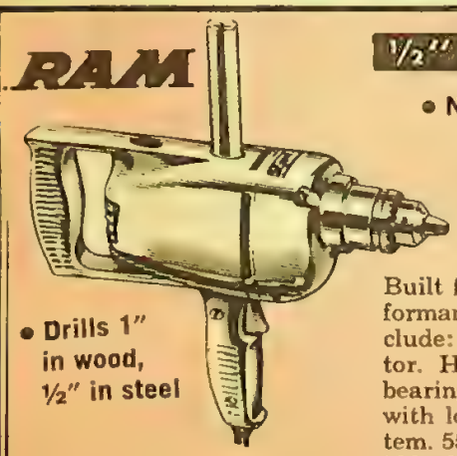
½" DRILL

HUGE CAPACITY

Tops them all in performance. Features 6 AMP motor, 2 position handle, 3-jaw geared chuck and key, safety switch with push button lock. Aluminum alloy die-cast housings. Capacity ½" in steel, 1" wood. 550 R.P.M.
110-70554E3990 Without reverse $32.95
110-70556E4690 Reversing switch $36.50

- Lifetime motor positively won't burn out.
- 3-Jaw chuck and key hold like a vise.
- Switch lock offers continuous operation.

RAM



½" FAST ELECTRIC DRILL

- No load speed 550 RPM

With ½" Jacobs Geared Chuck and Key

- Drills 1" in wood, ½" in steel

Built for extra utility and rugged performance. Construction features include: A powerful 5.7 AMP 115 V motor. Heavy-duty multiple thrust ball bearings. Automatic release trigger with locking pin. Built-in cooling system. 550 RPM. AC-DC.
109-500E5130 ..... $49.50
109-550E5780 With reverse ... $53.95

4 AMP ½" REVERSING ELECTRIC DRILL

Thor

STANDARD DUTY BALL BEARING

All new professional quality ½" drill. Equipped with 4 amp. motor and removable end grip that rotates to any desired position. Heavy duty ball bearing construction provides outstanding professional drilling power and performance. All steel precision hobbed gears. Has ½" capacity in steel, 1¼" in wood. Well balanced die-cast aluminum housing. 650 RPM. 115 Volts, AC-DC.
102-915RE6152 ..... $43.95

FINEST AMERICAN MADE DRILLS Wide Choice of Size and Style!

HIGH SPEED STEEL
STRAIGHT SHANK
JOBBER LENGTH DRILLS

For wood, iron, steel and all metals. Finest quality made for long-lasting service. Packed in envelopes . . . 12 of each size up to 1/4", one of each size over 1/4". All number sizes packed 12 per envelope. All drill bits made of superior HIGH SPEED STEEL.

NUMBERED SIZES

Model No.	Size	Price Per Doz.	Model No.	Size	Price Per Doz.	Model No.	Size	Price Per Doz.	Model No.	Size	Price Per Doz.
150-1E1272	1	$11.00	150-16E888	16	$7.00	150-31E504	31	$4.00	150-46E432	46	$3.40
150-2E1272	2	11.00	150-17E840	17	6.50	150-32E528	32	4.10	150-47E432	47	3.40
150-3E1200	3	10.00	150-18E768	18	6.00	150-33E480	33	3.80	150-48E432	48	3.40
150-4E1248	4	10.00	150-19E768	19	6.00	150-34E480	34	3.80	150-49E432	49	3.40
150-5E1248	5	10.00	150-20E768	20	6.00	150-35E480	35	3.80	150-50E432	50	3.40
150-6E1248	6	10.00	150-21E720	21	5.70	150-36E480	36	3.70	150-51E432	51	3.40
150-7E924	7	7.50	150-22E720	22	5.70	150-37E480	37	3.70	150-52E432	52	3.40
150-8E984	8	7.80	150-23E672	23	5.40	150-38E480	38	3.70	150-53E432	53	3.40
150-9E1080	9	8.40	150-24E696	24	5.70	150-39E456	39	3.60	150-54E408	54	3.20
150-10E984	10	7.80	150-25E624	25	5.00	150-40E456	40	3.60	150-55E408	55	3.20
150-11E1030	11	8.00	150-26E648	26	5.10	150-41E456	41	3.50	150-56E408	56	3.20
150-12E1054	12	8.40	150-27E600	27	4.80	150-42E432	42	3.40	150-57E504	57	4.00
150-13E888	13	7.20	150-28E576	28	4.50	150-43E432	43	3.40	150-58E552	58	4.40
150-14E924	14	7.50	150-29E576	29	4.50	150-44E432	44	3.40	150-59E576	59	4.50
150-15E924	15	7.50	150-30E576	30	4.50	150-45E432	45	3.40	150-60E504	60	4.00

FRACTIONAL SIZES

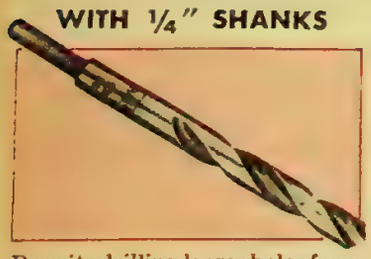
Model No.	Size	Price Per Doz.	Model No.	Size	Price Each
150-D116E408	1/16	$3.36	150-1764E126	17/64	$1.05
150-D564E408	5/64	3.36	150-932E132	9/32	1.10
150-D332E408	3/32	3.48	150-1964E144	19/64	1.20
150-D764E456	7/64	3.84	150-516E166	5/16	1.39
150-D18E576	1/8	4.80	150-2164E180	21/64	1.50
150-D964E576	9/64	4.80	150-1132E192	11/32	1.60
150-D532E624	5/32	5.28	150-2364E216	23/64	1.80
150-D1164E696	11/64	6.00	150-38E238	3/8	1.98
150-D316E814	3/16	6.84	150-2564E258	25/64	2.15
150-D1364E910	13/64	7.68	150-1332E276	13/32	2.30
150-D732E1030	7/32	8.52	150-2764E306	27/64	2.55
150-D1564E1100	15/64	9.24	150-716E330	7/16	2.75
150-D14E1140	1/4	9.96	150-2964E348	29/64	2.90
			150-1532E372	15/32	3.10
			150-3164E396	31/64	3.30
			150-12E400	1/2	3.50

SILVER AND DEMING HIGH SPEED BLACKSMITH DRILLS—1/2" SHANKS

High speed husky drills. Built for continuous duty. Makes ideal bit for use at shop or farm.

604-1732E828	17/32	$ 6.90
604-916E888	9/16	7.40
604-1932E960	19/32	8.00
604-58E1008	5/8	8.40
604-2132E1068	21/32	8.90
604-1116E1116	11/16	9.30
604-2332E1176	23/32	9.80
604-34E1224	3/4	10.20
604-2532E1290	25/32	10.75
604-1316E1350	13/16	11.25
604-2732E1404	27/32	11.70
604-78E1458	7/8	12.15
604-2932E1518	29/32	12.65
604-1516E1620	15/16	13.50
604-3132E1728	31/32	14.40
604-1E1908	1	15.90

HIGH-SPEED DRILLS WITH 1/4" SHANKS



Permits drilling larger holes from 5/16 to 1/2" with your 1/4" drill.

604-5E180	5/16"	$1.39
604-6E250	3/8"	$1.59
604-7E350	7/16"	$1.98
604-8E440	1/2"	$2.79

NEW MASONRY DRILLS

Genuine Carboloy Tips—for drilling in concrete or brick

American Made—Regular Length

Model No.	Size	Length	Price
151-6236E200	3/16	4"	$1.70
151-6214E200	1/4	6"	1.70
151-6256E210	5/16	6"	1.87
151-6238E230	3/8	6"	2.03
151-6212E290	1/2	6"	2.55
151-6258E390	5/8	6"	3.15
151-6234E500	3/4	6"	4.40
151-621E850	1	6"	7.52

BUDGET PRICED (Imported)

Short bits with 1/4" shanks. Carbide Tipped

No.	Size	Length	Price
602-160E100	3/16	3 1/4"	$1.15
602-161E120	1/4	3 1/2"	1.15
602-162E140	5/16	3 3/4"	1.25
602-163E150	3/8	4"	1.40
602-164E190	1/2	4"	1.55

CONVALCO EXPANSION BIT

Size range 1/2" to 3". The busiest bits in the kit. Fits any 1/4" drill. Two tools cover the complete range 1/2" to 3".

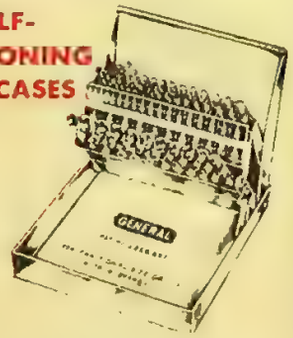
161-220E570	1/2 to 1 1/2"	$4.25
161-210E730	7/8 to 3"	$5.30

ALL STEEL DRILL INDEX CASES

All sizes are clearly marked ending the needless search for the right number. (Drills not included.)

Model	Size Range		Price
160-13E140	1/16-1/4	13 pc.	$1.10
160-29E380	1/16-1/2	29 pc.	3.00
160-60E320	#1-#60	60 pc.	2.50
160-26E380	A-Z	26 pc.	3.00

SELF-POSITIONING DRILL CASES



Just tilt cover and drills are at your finger tips. Easy reading eye level and handy top drill index.

350-40E200	61 to 80	$1.50
350-41E540	1 to 60	4.00
350-42E250	1/16 to 1/4	1.80
350-43E800	1/16 to 1/2	5.80
350-45E960	A-Z	7.10

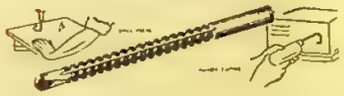
METAL DRILL STAND

Open-type drill stand. All numbers easily read. High quality steel.

FOR DRILLS 1/16 to 1 1/2.
160-295E130 . . . . . $1.0

FOR DRILLS 1 to 60.
160-60SE130 . . . . . $1.0

1/4 INCH SPEED SIDE CUTTING DRILL BIT



Drill, Saw, Ream . . . metal plastic, wood, pipe, etc. Drills own starting hole. Upper part of bit cuts, saws, or reams circles, ovals, squares or scrolls. Abrasive resistant. Flutes ground from solid steel. 2" cutting sections. 3 1/2" long.

100-186E320 . . . . . $2.45

Drill holes from 3/8" to 1"

Fit 1/4" and larger electric drills. Made of tool steel, fully heat treated Brad point, extension lip and spur work for smoothness. **4-PC. KIT.** With 3/8", 1/2", 3/4" and 1" sizes.

100-105E1140 . . . . . $7.80

Number	Size	Price
100-10538E260	3/8"x5 1/2"	$1.80
100-10512E260	1/2"x5 1/2"	1.80
100-10558E290	5/8"x5 1/2"	1.90
100-10534E310	3/4"x5 1/2"	2.00
100-10578E320	7/8"x5 1/2"	2.10
100-1051E330	1"x5 1/2"	2.20

6-Piece High Speed Power Bit Set

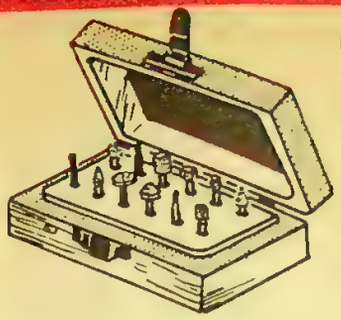
Bores holes up to 1" in plastic or wood. ¼" round shanks, 6½" long.

6-pc. set—⅜", ½", ⅝", ¾", ⅞", 1".
103-8006E1240 ..... $9.30

Open stock. Specify size.
103-H86E240 ..... $1.75

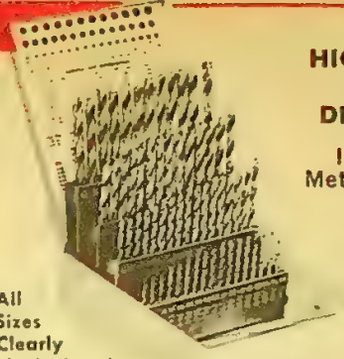
6-PC. IRWIN POWER BIT SET

¼" shank of hollow ground high carbon steel. In red plastic roll. ⅜, ½, ⅝, ¾, ⅞, and 1".
204-F49E580 .... $4.50



12 PIECE CUTTER SET

With high-speed steel assorted cutters. A shape for every use. ⅛" diameter shanks. Handsome 3" x 4" wood case.
105-220E2000 .... $15.00



HIGH SPEED TWIST DRILL SETS

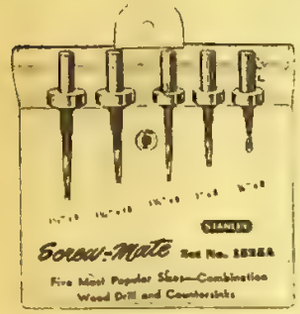
In Durable Metal Container

All Sizes Clearly Marked and Labeled

Handy tap-drill and decimal equivalent reference tables where applicable.

Assorted twist drills put up in convenient sets. Permits easy, instant drill selection.

150-13HBE870	13 pc.—1/16 to ¼ by 64ths	$ 7.00
150-29HBE5250	29 pc.—1/16 to ½ by 64ths	$41.00
150-26HBE5450	26 pc.—A-Z Letter Set	$55.00
150-60HBE3630	60 pc.—#1 to #60	$28.30
150-80HBE1180	20 pc.—#61 to #80	$ 9.00
29 pc. with ¼" shanks.		
150-2914E5350	29 pc.—1/16 to ½ by 64ths	$48.00

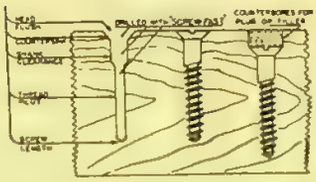


SCREW-MATE

Contains ¾"x8", 1"x8", 1¼"x8", 1¼"x10", and 1½"x8". Prevents wood splitting. Every screw will fit exactly with maximum holding power.
100-1525E600 ..... $4.20

SCREW FAST

Adjustable drill, drills holes to fit screw



Prevents splitting of wood. Easy, quick and accurate screw-driving in wood, plastic, fiber and aluminum. Provides correct depth and maximum holding power. Use in hand drills or drill press.

Set of four sizes, 6, 8, 10, 12.

153-1140E520 Set of 4 .. $3.99

¼" DRILL ARBOR

Fits any ¼ inch chuck—provides ½" shaft for wire brush, stone or buffing ½-20 thread.
153-411E60 ¼" shank ..... $.50

HIGH SPEED COUNTERSINKS

82° Angle taper

Made of high speed steel. For use on any material machinable with a high speed cutter. Fits any ¼" chuck, 5 ground flutes.

103-710-4E260	½"	$1.90
103-710-5E310	⅝"	$2.30
103-710-6E350	¾"	$2.60

PAINT MIXER

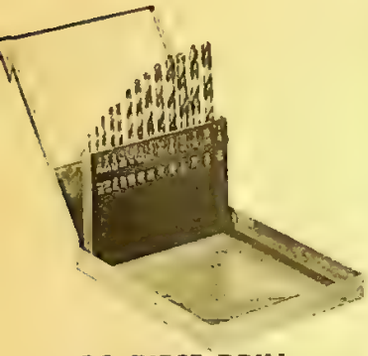
Highly efficient. Stirs up to a gallon of paint thoroughly, easily, quickly. Attaches to any electric drill.

ALLIED TWIST DRILLS

CHROME ALLOY STEEL DRILLS

Industrial Quality drills for wood, plastic, iron and all metals. Italian made to conform to the most rigid U.S. specifications.

All popular sizes. Built to stand up under long, hard service. Packaged in sturdy metal or plastic cases.



13 PIECE DRILL SETS

Finest quality. Sizes 1/16 to ¼ in convenient to use case. Carbon Steel in metal case.
600-413E140 ..... $1.00

Chrome Vanadium in unbreakable plastic case. 1/16 to ¼.
604-13CV350 ..... $3.10

29-PC. DRILL SET AND STAND

Chrome vanadium semi-high speed, precision ground, hardened, sharpened. 1/16 to ½ x 64ths in full jobbers length.

Regular Shanks
602-29E1060 ..... $9.00

¼" Shanks
602-29TE1160 ..... $12.00

HIGH SPEED DRILL SETS

Manufactured to exacting specifications ... from high speed steel. Long life, minimum breakage. Drills come in an unbreakable polyethylene case.

13-PIECE 1/16 to ¼".
604-HS13E660 ..... $5.45

29-PIECE 1/16 to ½", regular shanks.
604-HS29E3200 $24.50

29-PIECE ¼" shanks.
604HS29TE3450 ... $26.50

17 PC. TWIST DRILLS

Chrome Vanadium steel — 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64, ¼, 5/16, ⅜, 7/16, ½".
All sizes above ¼" have turned down ¼" shanks.
604-17E800 17 Pc. Set . $7.00

CARBIDE DRILL SET

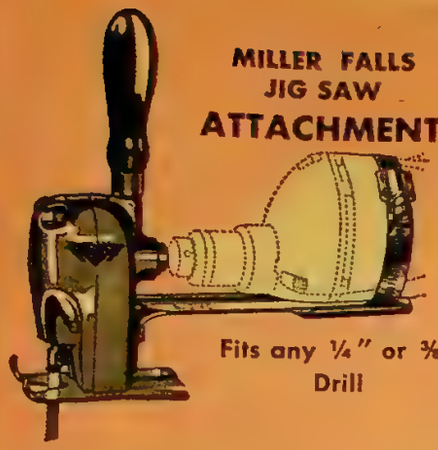
Carbide tipped bits on tough alloy steel shanks. Fits any ¼" drill. 3 piece set ¼" ⅜", ½".
602-65E440 ..... $2.95

WOOD BITS—¼" SHANK

5-pc. set ¼", 5/16", ⅜", 7/16", ½"
High Speed Steel.
156-5WHE980 ..... $7.50
Chrome Vanadium Steel.
156-5WE550 ..... $3.80

FINE QUALITY ATTACHMENTS

Designed to give your ¼" and ⅜" drills GREATER VERSATILITY

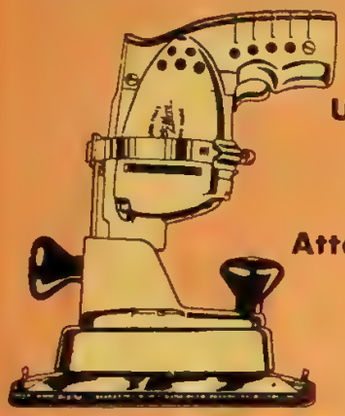


MILLER FALLS JIG SAW ATTACHMENT

Fits any ¼" or ⅜" Drill

Fits all ¼" electric drills, saws intricate patterns for brackets, valances, cuts weather vanes, house signs, sheet metal. With 4 saw blades. Capacity in wood 1¾", ⅛" in metal.

103-2140E1670 Jig-Saw $11.95
306-MW5E300 Set of 5 blades....$1.98



Miller Falls Universal Orbital Sander Attachment

Mounts quickly and easily on any ¼" electric drill for a professional job of fine finishing. Sands flush into corners with standard abrasive sheets cut in thirds. Does wet or dry sanding. Comes with 2 pieces of closed coat, open coat paper.

103-2160E2234 ..... $15.95

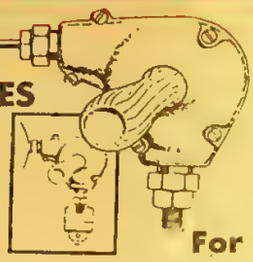
RIGHT ANGLE DRIVES

For ¼" Drills or ⅜" Drills

SINGLE SPEED

Permits operation in close quarters where drill cannot be used direct—in corners between studs, etc. 1 to 1 gear ratio. Fits on ⅜-24 spindle, male, female. Chuck is unscrewed from drill and screwed on MF drive.

103-2130E940 .....$6.75



ARCO 2 SPEEDS

For ¼" Drills or ⅜" Drills

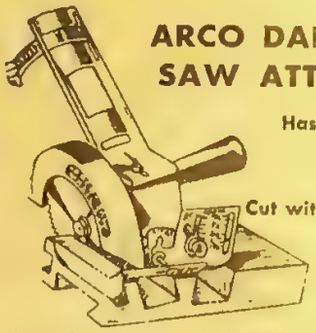
For boring in tight areas, polishing or sanding. 2 to 1 gear ratio halves speed for polishing, or doubles speed for sanding. Fits on male or female spindle. Complete with 2 adapters, ⅜-24 by ⅜-24, ⅜-24 by ¼" round shaft.

153-350E600 .....$4.95

HEAVY DUTY RIGHT ANGLE DRIVE FOR ½" DRILLS

Precision built to top standards. Boston steel gears, heat treated, hardened spindles. 2 to 1 gear ratio. Halves speed for drilling holes up to 2½" in wood or doubles speed for polishing. Ideal for plumbers, electricians. Complete with ½" stud, ½-20, to ½-20 adapter, ½-20 to ⅝-11 adapter and handle.

154-730E2790 .....$19.95



ARCO DADO ARBOR SAW ATTACHMENT

Has "Dado-Arbor" to Cut Any Groove
Cuts 2x4's in One Cut with 5" Combination Blade

Attaches to any ¼" drill in seconds. Cuts any groove up to ½" wide x 1" deep. Depth and bevel gages adjust for cuts to 1¾" in depth, bevels to 45. Has rip gage, visual guide right angle steel gear drive, self-lubricating bearings.

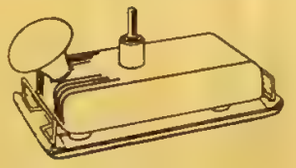
153-3100E1550..... $13.95

ARCO JIG-SAW ATTACHMENT

Rugged all-purpose sabre saw gives performance as a scroll, cross-cut, hack and hand saw. Hardened alloy steel drive shaft. ⅝" stroke. Comes with 1 blade for steel or wood. Fits ¼" drills.

153-2500E800 Jig Saw ...$9.95
Set of 5 blades..
306-MW5E300 Set, 5 blades $1.98

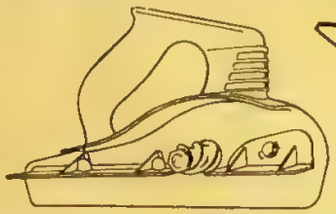
SANDER ATTACHMENT



Here's a high-speed sander that can be used with ease to get fine finishes. Ball bearing construction. Comes with 3 standard sheets of paper in med., coarse, fine grain. Special clamps. Fits any ¼" drill.

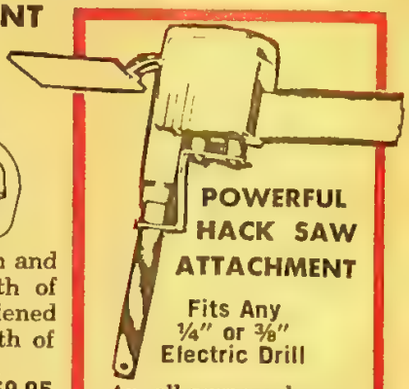
158-10E900 .....$9.95

PLANER ATTACHMENT



Planes equally well both with and across the grains. 1¾" width of cut. Alloy steel cutter, hardened and ground. Adjusts for depth of cut. Fits any ¼" or ⅜" drill.

158-200E900 .....$9.95



POWERFUL HACK SAW ATTACHMENT

Fits Any ¼" or ⅜" Electric Drill

An all-purpose heavy-duty saw designed to use sections of any hack saw blade. Suitable for many cutting jobs from general roughing in to scroll cuts in wood, metal, composition, plastic laminates, plaster, etc. High speed action. Steel barrel cam construction insures positive, smooth reciprocating action and long service. Complete with eye shield, chuck wrench and blade. Use with teeth up or down.

158-900E1480 $10.00

MILLERS FALLS Hedge Trimmer Attachment

DYNO-MITE®

- Trims Hedges, Evergreens, Shrubs.
- Offset keeps drill clear of work.
- Universal joint for quick alignment.
- Bevel Steel Gears—2-1 Reduction.
- 12" 16-tooth cutting blade.
- Lightweight Aluminum Housing.

Designed to fit any ¼" drill. Has a 12" long 16-tooth cutting blade. ⅜" cutting capacity. Attachment has 10° offset angle, oil impregnated bronze bearings, bevel-steel gears, 2-1 reduction.

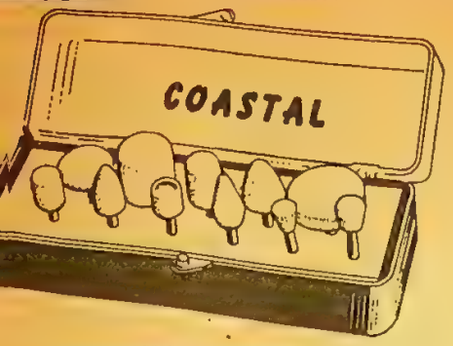
103-2150E2094 .....$14.95

ARCO HEDGE TRIMMING ATTACHMENT

Hedge trimming attachment converts any ¼" drill into a work-saving garden tool. Has 12" sickle type blade precision ground—bevel gear, side handle. Lightweight, (3 lbs.) Ideal for women gardeners.

153-5000E1380 .....$12.95

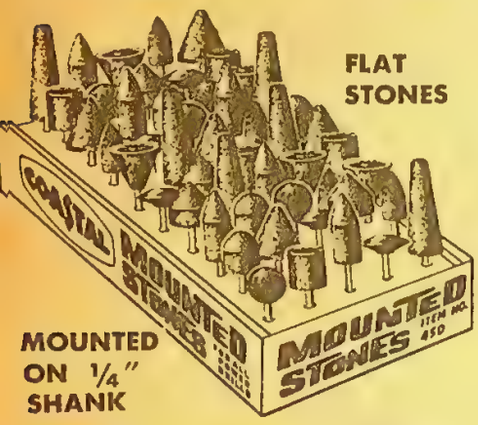
Practical Drill Accessories For Every Job



MOUNTED STONES IN CASE

A large assortment of cutting and grinding stones mounted on 1/8" shanks. They can be used for grinding, polishing, drilling and burring. Durable, long lasting 12 piece Coastal assortment.

152-X11E480 ..... $4.00



FLAT STONES

MOUNTED ON 1/4" SHANK

FAST—ECONOMICAL—ACCURATE

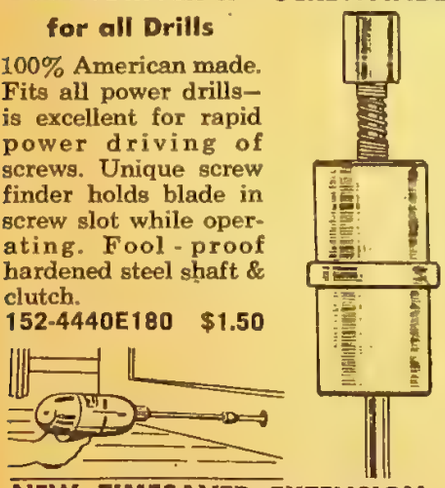
A wide variety of versatile abrasive, aluminum oxide stones that do everything in the field of small off-hand and precision grinding. Saves tedious hand work. Equally efficient on flat, raised and depressed surfaces. Each stone mounted on 1/4" shaft. 1, 1 1/2, 2, 2 1/2 and 3" stones in fine, medium and coarse grits.

152-FS10E630 10 piece set...$ 4.80
152-FS50E2880 50 piece set...$24.00

SCREWDRIVER & SCREWFINDER for all Drills

100% American made. Fits all power drills—is excellent for rapid power driving of screws. Unique screw finder holds blade in screw slot while operating. Fool-proof hardened steel shaft & clutch.

152-4440E180 $1.50



NEW TIMESAVER EXTENSION

Holds all bits with 1/4" shank. This extension has a 1/4" shank and will follow a 11/16" or larger bit. Permits drilling through heavy timber and in many other inaccessible places. Long extension measures 10 inches.

100-212E270 ..... $2.00

LARGE ROTARY RASPS

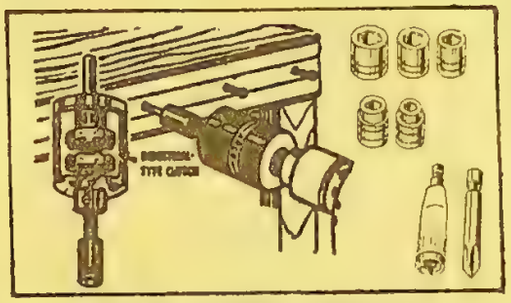
Fit any 1/4" drill. Imported from England. Made of hardened steel. For fast shaping of furniture and rasping of metal, plaster, wood or rubber, etc. 1 1/8" long. 5/8" diameter width.

152-6PRE780 6 pc. assortment ...$6.00

12-Piece Mounted Burr Set

Dental steel cutters—12 assorted shapes for cutting, forming, shaping, engraving, deburring, or drilling in all materials from steel to plastic. 3/32 inch shanks.

611-368E360 ..... $3.00



ARCO SCREW AND NUT DRIVING ATTACHMENT

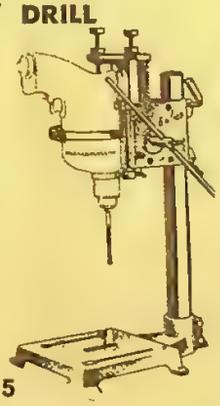
Features non-slip clutch, bit holder and automatic clutch. Comes with flat bit with bit holder for 6-14 slotted screws, #2 Phillips head bit, 6 hex socket wrenches 1/4, 5/16, 11/32, 3/8, 7/16, 1/2".

153-2800E780 ..... $8.95

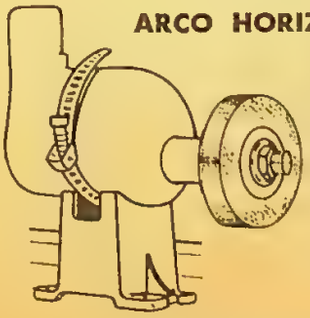
UNIVERSAL DRILL STAND FITS ANY 1/4" DRILL

Handle gives up to 15 to 1 leverage. Adjustable cradle sets permanently to fit 1/4" drills. Drill press hand clamps in rigid position. Only slide moves. Square base has slots for bolting work to base. Adjustable depth stop, spring tension return, depth gauge.

154-945E1860 $13.95

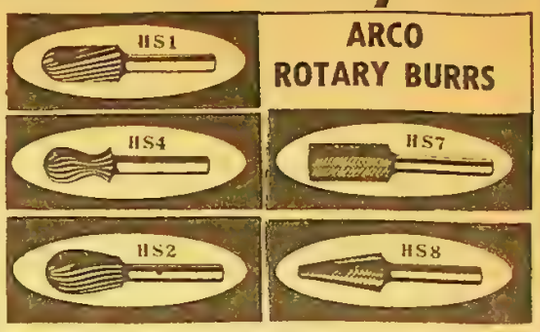


ARCO HORIZONTAL STAND



Fits all 1/4" or 3/8" drills Worm drive clamp holds drill rigidly in place. Stand can be screwed or clamped to work-table. Leaves both hands free to work.

153-415E240 $1.69



ARCO ROTARY BURRS

1/4" SHANK. Ground from solid special analysis steel. Edges hardened for longer life. A professional tool for shaping, cutting, deburring, hole enlarging, etc. Use on steel, stone, etc.

153-5700E650 5 Piece Set.....$5.00

INDIVIDUAL SIZES

Model	Head Size	Price
152-HS1E130	1/2x1	$1.00
152-HS2E130	5/8x1	$1.00
152-HS4E130	1/2x13/16	$1.00
152HS7E130	1/2x1	$1.00
152-HS8E130	1/2x1	$1.00

CUP STONES

Flat, Round, Odd Shapes

A stone for every purpose. For grinding, carving, brushing on any type surface. Save hours of tedious hand work! All top industrial quality aluminum oxide stones with 1/4" shanks.

152-CS10E630 10 piece assortment.... $4.80
152-CS50E2880 50 piece assortment....$24.00

36" FLEXIBLE SHAFT

Shaft is 36" long, has Oilite bearings. Flexible casing protects core of wound high carbon steel wire. Handpiece will accommodate any tool shaft 3/32", 1/8" or 1/4" diameter. 6000 RPM. Imported. Fits 1/4" chuck.

600-1408E360 ...$3.50

COASTAL 40" FLEXIBLE SHAFT WITH 1/4" GEARED CHUCK

Has 40" Vinyl covered cable for use with electric drills and bench motors. With PVC covered handpiece. Full instructions for use enclosed.

152-4514E1580 .$12.00

Polishing, Sanding, Cleaning, Brushing Accessories!

MILLERS FALLS BUFFER & SANDER

Makes any ¼" electric drill an efficient buffer and sander. 2 drill speeds—1 to 2, 2 to 1. Grease sealed lubrication. 100° angle drive to allow clearance for drill and cord in flat work. Comes with 5" rubber pad, two 5" sanding discs, 5" lamb's wool bonnet.
103-2120E1360 .....$9.75

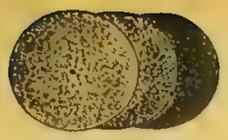
FLEXIBLE BALL POINT SPEED SANDER

New principle in disc sanding with ball joint action-disc always lies flat on work. Pressure is distributed to all parts of disc for smooth results. Rotary planer action prevents gouging of abrasive discs—will not run off working surface. 3 sanding discs included. Ideal for polishing, waxing, sanding. 4" diameter.
100-145E540 .....$4.00

TUNGSTEN CARBIDE SANDING DISCS

Converts portable electric power drills to efficient sanding machines. Does away with sandpaper—saves time, effort, dollars. For handymen and professional craftsmen. Specify grit desired.

Fine (150), Med. (80), Coarse (60)
157-D5E200 5" Disc $1.29
157-D6E220 6" Disc $1.49



5" SANDING DISCS

Sanding discs can be used to remove paint, rust and varnish. Coarse grade for fastest removal, and finer grades offer smoothest finish. Use with ¼" drills and 5" rubber backing pads.

Number	Grade	Box of 12
603-5XCE120	Very Coarse	$1.20
603-5CE100	Coarse	$1.00
603-5ME100	Medium	$1.00
603-5FE100	Fine	$1.00

SUPER DUTY WIRE BRUSH
Double Thick

Super-duty round wire brush with ¼" shaft. Ideal for removing paint, varnish, rust. Double thick for long wear.

Number	Grade	Price
152-83CE140	3" Coarse	$1.10
152-83FE160	3" Fine	$1.25

POLISHER SANDER

Converts electric drills into a portable buffer or sander—eliminates the fatigue of hand polishing. Comes with rubber disc, lamb's wool bonnet, sandpaper, arbor. For ¼" drills.
162-5PE150
5" Rubber disc set $1.50
162-6PE180
6" Rubber disc set $2.00

Lamb's Wool Polishing Bonnet

Use with electric drill for fine finishes on automobiles and furniture. With hood draw string.
162-55E90 5½" Bonnet ... $ .90
162-65E130 6½" Bonnet . $1.25

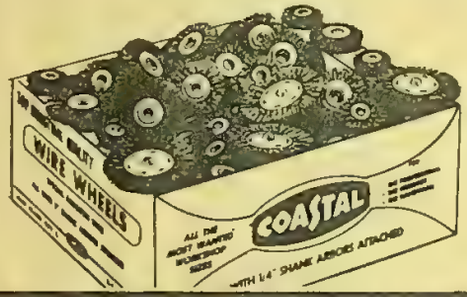
WIRE CUP BRUSH

Ideal for removing paint, rust. Sturdy bristles to stand up under the roughest wear.

Number	Grade	Price
152-92CE180	2" Coarse	$1.30
152-92FE200	2" Fine	$1.50
152-97CE210	3" Coarse	$1.60
152-97FE240	3" Fine	$1.90

WIRE WHEEL BRUSHES
Up to 3" Diameters with ¼" shank

Heavy thick wire brushes especially designed for use with electric drills, flexible shafts and motors. A diameter for every special use.
152-WB10E630
10-pc. asst. $ 4.80
152-WB50E2880
50-pc. asst. $24.00



25 ASST. 5" SANDING DISCS

Year's supply of assorted fine, medium, coarse sanding discs. For use on wood, metal or plastic. 5" diameter. ¼" bore.
152-A25E130
Set $1.00

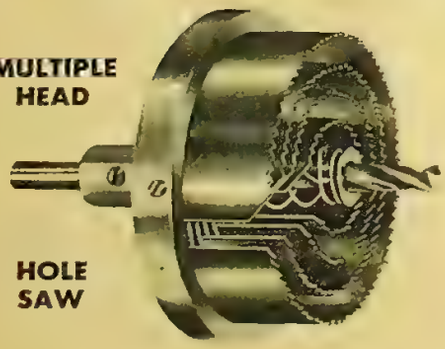
22 PC. DRILL ACCESSORY ASSORTMENT

22 piece assortment that fits all makes of ¼" drills. Set comes complete with 1 grinding wheel, 1 polishing bonnet, 1 rubber backing pad, 12 sanding discs, 1 wheel arbor, 1 buffing wheel, 1 wire brush, 1 paint mixer, 3 twist drill bits.
101-1171E630 22-pc. asst. $3.98

HEAVY DUTY Wire Brush

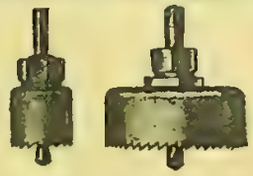
Heavy duty wire brush—the perfect tool for removing rust, scale, from flat or curved surfaces. Strong medium wire bristles clean stone, concrete, all types of metals. Fits any drill, has ¼" spindle.
104-12769E350 .....$2.45

SAVE MOST HERE ON AMERICA'S FINEST HOLE SAW



Automatic "Slug-Ejector" for faster work. Alloy tool steel head with shatterproof blades. Lock prevents blades from jumping out. ¾" cut.
7-PIECE SET by Great Neck 1, ¼, 1½, 1¾, 2, 2¼, 2½".
306-HC7E300 .....$3.95

7 PIECE SET by Arco with ⅞, 1⅛, 1⅜, 1⅝, 1⅞, 2⅛, 2⅜".
153-670E960 .....$7.95



Black & Decker PRECISION BUILT HOLE SAWS

Cut precision holes in wood, metal asbestos, wall board, plywood, masonry, etc. Ideal for carpenters, plumbers, electricians, handymen. Pilot drill keeps holes concentric.

MANDRELS

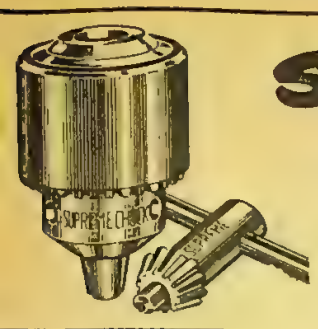
	Fits Blades	Shank Diam.	Price
101-1240E380	¾-1⅛	¼"	$2.75
101-1241E450	1¼-2½	5/16"	3.25
101-18028E800	2-4	½"	4.35

HOLE SAWS (Less Mandrel)

	Shank	Price		Shank	Price
34E140	¾"	$ .95	1-78E100	1⅞"	$1.05
78E140	⅞	.95	20E170	2	1.20
10E140	1	.95	2-18E170	2⅛	1.20
1-18E140	1⅛	.95	2-14E170	2¼	1.20
1-14E150	1¼	1.00	2-12E200	2½	1.30
1-38E150	1⅜	1.00	3- 0E820	3	4.75
1-12E150	1½	1.00	3-12E1100	3½	6.25
1-58E150	1⅝	1.05	4- 0E1500	4	8.60
1-34E150	1¾	1.05			

101-1270E630 ⅝" with built in mandrel..... $4.50

To Add Flexibility and Versatility to Your Power Drills



Supreme Gear Type Chucks

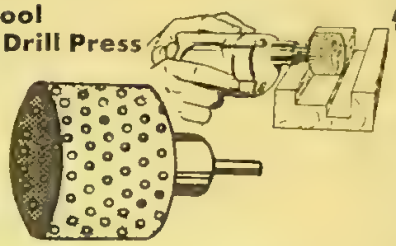
Dependable precision made chucks for lathes, presses, powerful electric drills. Interchangeable with other brands.

Number	Capacity	Thread	Price
164-DB1AE490	¼"	⅜-24	$3.70
164-DB13AE700	⅜"	⅜-24	$5.25
164-DB14BE900	½"	½-20	$6.75
164-14T33E940	½"	#33 Taper	$7.00

Male Spindle ⅜"—24 thread

SPECIAL BUY. ¼" geared chuck, ⅜" x 24" threaded male spindle. Easily attaches to drill shafts.
164-3814E200
Price Each $3.95

New Drum "Surform" Tool For ¼" Electric Drill Chuck and Drill Press



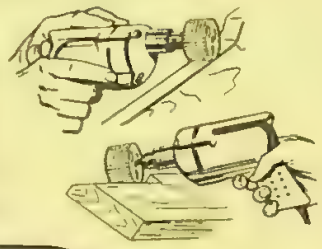
Designed for use in drill presses with any ¼" or larger electric drill chuck. Rotary blade of Sheffield tool steel, never clogs, never needs adjustment. For contour, circular or straight cuts—for shaping, cutting, forming and milling operations. Full 2" in diameter.
100-386E320 .....$2.29

BABCO 5-1 SPEED REDUCER

Converts drill to screwdriver

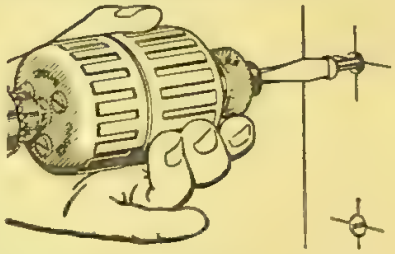
Converts ¼" electric drill to screwdriver—bores holes 1¼" in wood, ½" in masonry. Gear system gives tremendous torque increase. Adapters for ¼" or ½" chuck. Hand clutch control for instant stopping, starting.
154-821E1440 .....$9.95

ROTARY RASP SET fits any drill.



¼" shank fits any electric drill, drill press. Cuts woods, plaster, brass, wallboard. Ideal for beveling, planing, paint removing. Steel construction. With 3 drums ¾", 1¼", and 1⅞" diameter. All 1½" long.
153-5500E530 ... $5.95

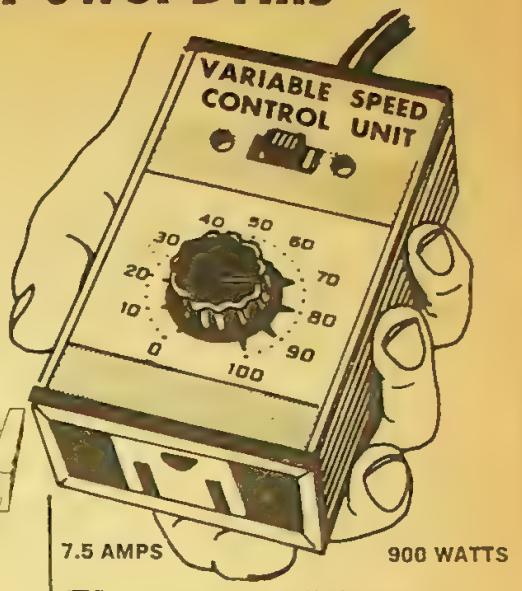
Versamatic Reversible Speed Reducer for Portable Drills



Most versatile drill attachment ever produced. Reduces speed 7 to 1 with a flick of wrist. It's a screwdriver nut runner, power tapping head. With #2 Phillips bit, medium bit, and ¼" square drive for sockets.
164-4100E1790 Reversing $14.95

½" Taper chuck for use with Versamatic.
164-T33E940 #33 Taper chuck. $7.00

VERSAMATE with one medium bit.
164-3800E930 No reverse $6.95



7.5 AMPS 900 WATTS

Electronic Variable Speed Control Unit

DIAL THE SPEED TO THE JOB WITHOUT POWER LOSS

This control drives tools to their proper speed with no power loss. Drives screws, drills concrete or metal without burning up bits. Drills extra large holes, cleans and polishes the car without ruining the finish. Drills tile without chipping or breaking it. Extends bit life up to 10 times. Controls sabre saws saving time, spoiled work, blade life. Handles sanders, polishers and grinders. Gives a rough cut speed, and a lower one for smooth polishing. Makes floor scrub-ups easy with 2-speed control. Input voltage 110 volts AC controls any Universal (AC-DC) or series wound DC motor or resistive heating device such as a soldering iron, blender, sewing machine, projector, etc.
172-M10E1970 7.5 Amp Unit $16.95
172-39E5330 15.0 Amp Unit $39.95

ATTACHMENTS!

SKIL

2¼" Depth of Cut

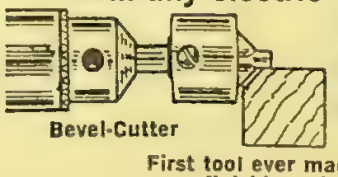
DIAL SAW ADJUSTABLE

A valuable attachment for ¼" drills. Cuts holes in wood, plastic, and composition from 1⅛" to 2½". Cutting adjustments are made by loosening clamping nut and rotating dial to specific diameter.
104-19781E690 ..... $4.95

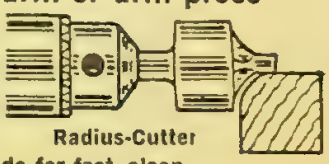
¼" SHANK PLUG CUTTER

Cuts fast, clean, straight plugs, slightly beveled on one end for easy insertion. Fits any ¼" electric drill.
100-152338E240 ⅜" $1.70
100-152312E240 ½" $1.70

NOW! CUT BEVELS—ROUND CORNERS with any electric drill or drill press



Bevel-Cutter



Radius-Cutter

First tool ever made for fast, clean corner finishing with any Electric Drill

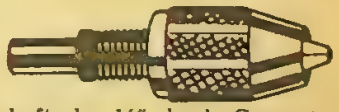
Set consists of Adjustable Bevel-Cutter: cuts 45° bevels from 1/32" to 5/16" wide, and three different size Radius-Cutters for ⅛", 3/16", ¼" radius cuts. Dual guides assure accurate cuts along entire length of work-piece. Cuts wood, plastics, soft metals. Made of manganese alloy tool steel, full hardened and tempered. 4 pc. set.
153-15E700 .....$5.75

KNIFE AND SCISSORS SHARPENING ATTACHMENT

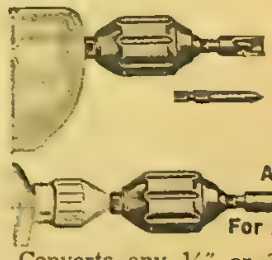
Easily fits any electric drill!

Converts any electric drill unit or bench motor to a knife and scissors sharpener. Highest grade stone attachment. ¼" shank fits any electric drill.
152-KSIE160 $1.25

CHUCK CONVERTOR



¼" shaft plus ½" chuck. Converts any ¼" drill into a ½" 'er.
600-786E170 Imported ... $1.65



BLACK & DECKER

SCREW DRIVER ATTACHMENT

For Any Electric Drill

Converts any ¼" or ⅜" drill into a powerful screwdriver attachment. Drives slotted head and Phillip's head screws.
101-U1011 E1600
with U1370 bit $9.95

Bits for slotted head screws #5 to #9.
101-U1370E280 ..... $1.75

Bit for Phillip's Head screws #2.
101-U137E160 ..... $.90

34pc. HOME WORKSHOP

COMPLETE

featuring HEAVY DUTY **3/8" DRILL** POWERED BY **McGraw Edison**

POWERFUL **3 AMP.**

GUARANTEE

This complete Drill Workshop is unconditionally guaranteed for 90 days. It has been tested, approved and manufactured under rigid standards. Any parts found defective will be replaced without charge.

YOU GET ALL THIS!

3/8" Capacity Drill - UL Approved • Jacobs Geared Chuck and Key • Ball-Bearing Construction • 4" Saw Attachment • 4" Saw Blade • 2 Piece Horizontal Bench Stand • Lamb Wool Polishing Bonnet • Rubber Backing Pad • Nine Drill Bits for Wood and Metal • Six Coarse Sanding Discs • Six Fine Sanding Discs • Five Piece Adapter Set • Instruction Booklet.

331-M380E3980 ..... $34.95

FOR THE **101 JOBS** AROUND HOME - FARM SHOP!

POLISHING

GRINDING

SANDING

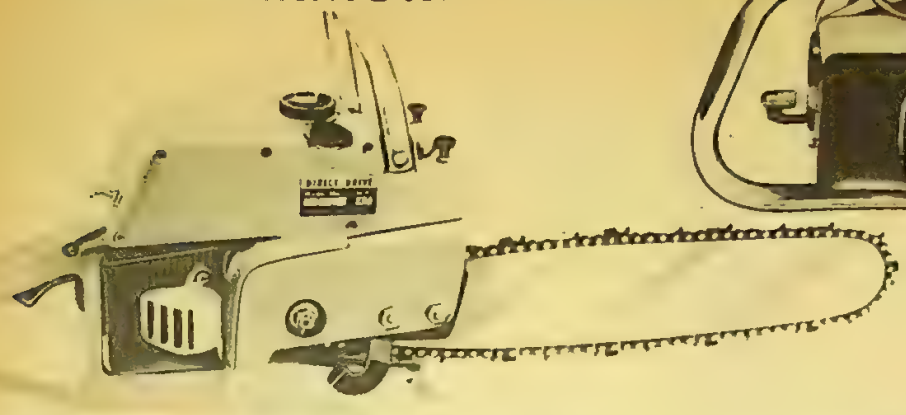
HAND SAW

BUFFING

DRILLING

LANCASTER CHAIN SAWS

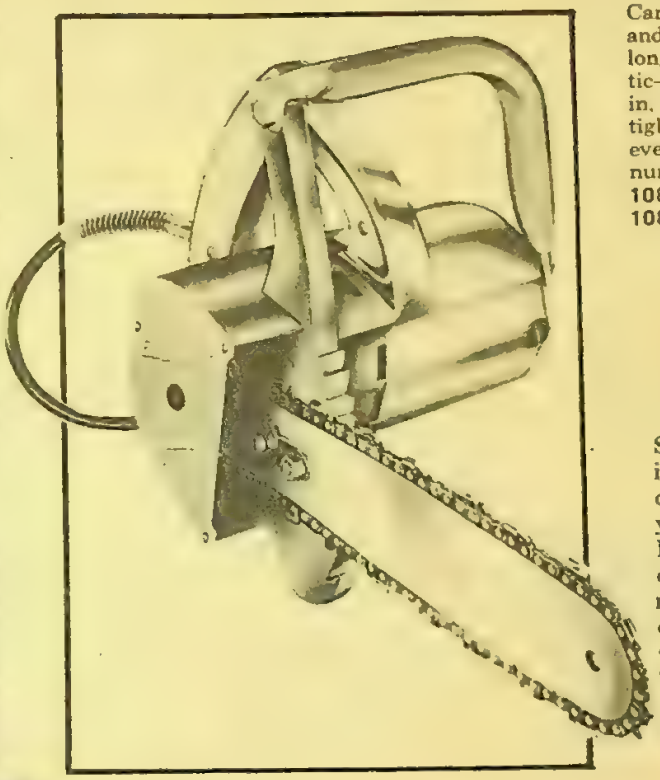
WITH ARMORED NOSE



CONSTRUCTION: Quality cast aluminum
GAS TANK: Part of construction . . . not strapped or bolted on . . . with extra large filler cap
OPERATION: All positions . . even upside down
FUEL FLOW: Constant Pump type carburetor and air filter mounted high away from saw dust... ten times cleaner!
CLUTCH: Automatic! Disengages when idling
OIL PUMP: Double acting for positive bar and chain oiling
EXHAUST: Safe, spark deflector type
HANDLE BAR: Bright finish, non-corrosive
STARTER: Automatic recoil with easy start throttle lock
CHAIN: 7/16" pitch for faster, smoother cutting
CHAIN TIGHTENER: Positive thread action adjustment

Modern design makes the difference in these dependable and sturdy chain/saws. They are cool running, quiet and powerful. Equipped with armored nose bar, all position carburetor and ball and needle bearings throughout.

Model	H.P.	Bar	Wt.	Price
120-AN645-16E24200	4.5	16	21	$161.45
120-AN645-19E25300	4.5	19	21	168.95
120-AN645-24E26700	4.5	24	21	178.40
120-AN610-16E30420	7.5	16	25	203.50
120-AN610-19E31600	7.5	19	25	211.00
120-AN610-24E33000	7.5	24	25	220.45
120-AN820-16E34200	9.0	16	25	228.00
120-AN820-19E35200	9.0	19	25	235.50
120-AN820-24E36700	9.0	24	25	244.95



WORLD FAMOUS ENGINES
2-Cycle—4 HP—Lightweight

Direct drive design assures fast-cutting performance — less operator fatigue. Push-pull ignition switch control; always tells when ignition is on or off. Makes starting more reliable. Carburetor is top mounted, away from all dirt and sawdust — keeps air filter clean 10 times longer. Flush mounted clutch is fully automatic—allows cutting within 1" of ground. Built-in, positive chain is easy to tighten and retighten. 100% All-position operation — cuts even upside down. Light weight cast aluminum-magnesium frame — Armored Nose.

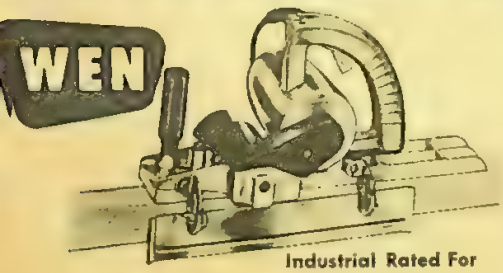
108-AN440-16E21200 16" Bar . . . **$142.50**
108-AN440-19E22300 19" Bar . . . **$150.00**

10" ELECTRIC CHAIN SAW
POWERED BY GENERAL ELECTRIC MOTORS

So perfectly balanced and easy to handle, it can be used effortlessly by any home owner or carpenter! Weighs only 12 lbs., yet built with a powerful 2 hp General Electric motor that's ruggedly constructed for extra heavy duty service—cool running and quiet. Positive chain adjustment eliminates slack — assures faster, truer sawing. Equipped with Omark Oregon "Chipper" chain and bar. Depth of cut: 10". Speed: 2650 ft. per minute.

108-1000E10400 10" **$79.95**

ELECTRIC HAND PLANE

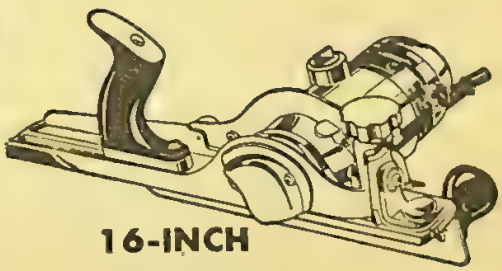


Industrial Rated For Heavy Duty Use

Ruggedly built for years of precision work. Convenient "saw" grip. Extra powerful 6 amp. ½ HP burnout-proof motor runs cool for hours. Beautifully balanced lightweight polished aluminum housing with exclusive air stream chip ejector. Cutting width 2⅛" . . . depth adjustable to 1/16". Guide plate is removable for surface planing. Shoe length: a full 16". 3-wire 8 ft. cord. Never before a precision planer at such a low price. *Material and workmanship factory guaranteed.*

106-930E5900 . . . **$44.95**

STANLEY POWER PLANES



16-INCH POWER PLANE

The new Jointer plane features a 16-inch shoe, which gives greater stability and accuracy and eliminates rounding over at end of cut. Planing dressed lumber, aluminum or laminates, fitting windows, doors and screens are just a few examples of the work you can accomplish with this great new addition to Stanley's complete line of power tools. 2 1/16" cutting width, 1/32" depth of cut, 6 amp, 23000 RPM.

100-91283E15800 with ⅞ HP Motor. **$109.00**

Router Adapter Kit

Converts 91283 Plane to 91264 Router. Contains: 82902 Base, 82927 Guide, 82903 Light, 82810 Chuck, 85096 (H208) Bit.

100-H78E4300 . . . **$29.35**

16" PLANE ATTACHMENT

Converts ⅞ H.P., or 1¼ H.P. Routers (H264-H267) to power planes. Includes 16" shoe attachment 82930, Arbor 82807 and 2 1/16" Cutter 85401.

100-H299E8160 . . . . . **$49.95**

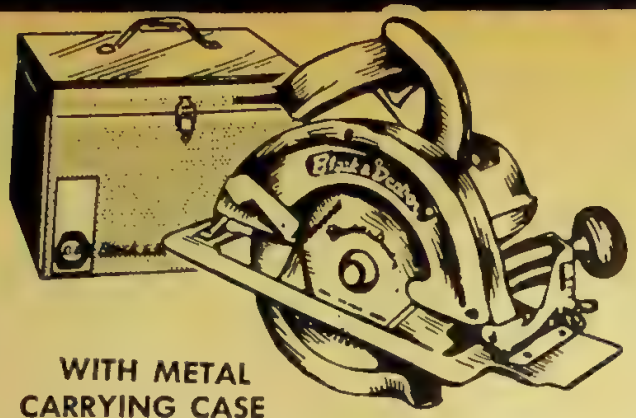
Attachment for ¾ HP. R88 Router.

100-H298E8160 . . . . **$49.95**

SAVE ON ALL YOUR TOOL NEEDS BY SHOPPING FROM THIS CATALOG.

PROFESSIONAL HEAVY DUTY FINEST QUALITY SAWS

FOR CONSTRUCTION, SHOP AND SERVICE TRADES



WITH METAL CARRYING CASE

Professional Quality Saws built with extra power and performance. Lubricant-sealed ball-bearings. Built-in air flow keeps cutting line clean. ML motor wire provides burnout protection. 5/8" arbors. 115 Volts. AC/DC.

6 1/2" SAW

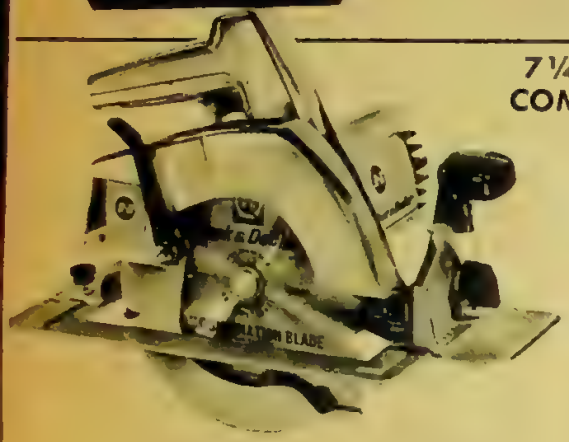
Cuts 2 3/32 @ 90°, 1 13/16 @ 45°. 10 Amp, 5000 RPM.
101-C336E10790 ..... $69.99

7 1/4" SAW

Cuts 2 3/8 at 90°, 1 15/16 at 45°. 11 amp, 4700 RPM.
101-C337E13390 ..... $84.44

8" SAW

"Big Daddy" of the saw line. Cuts 2 3/4" at 90°, 2 3/16" at 45°. 12 Amp, 2 H.P. 4500 RPM.
101-C338E16190 ..... $99.99

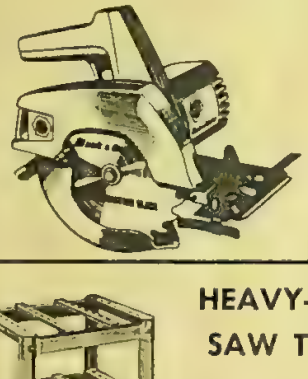


7 1/4" DELUXE SUPER POWER SAW COMPLETE WITH CARRYING CASE

This fabulous saw makes every cut the operator needs. Features auxiliary front handle, depth adjustment, calibrated die-cast aluminum adjustment, rip fence, built-in sawdust ejector, long blade-guard retracting lever for safer use. Removable out-board shoe. Cutting depth 90° 2 3/8", 45° 1 7/8", 115 Volts, AC, 10 Amp, 1 H.P. motor. 4400 RPM. 5/8" arbor.
101-230E7990 ..... $54.44

7 1/4" SAW WITH CARRYING CASE →

Similar to above less front handle and outboard shoe. Comes with bevel and depth adjustments, ripfence and 7 1/4 blade. Safely takes 6 1/2" blades, too. Cutting depth 90° 2 3/8", 45° 1 7/8". 115 Volts, AC, 9 Amp. 1 H.P.
101-C130E5990 ..... $39.95



SUPER SAWCAT

MORE POWER PER POUND

These husky saws have a B&D motor especially built for power sawing. Lubricant sealed ball bearings with best-quality mechanical construction. Every modern safety feature is included. All blades 5/8" bore.

Catalogue Number	Motor AMPS	Blade Diam.	Max. Depth 90°	Max. Depth 45°	Price
101-996E16000	12	6 1/2"	2 3/32	1 13/16"	$ 92.00
101-997E18000	12 1/2	7 1/4"	2 15/32	2 1/16"	103.00
101-998E20000	13	8"	2 31/32	2 15/32"	114.00
101-999E23800	13	9 1/4"	3 5/16	2 7/16"	136.00

DELUXE CIRCULAR SAW BLADES

Provides faster smoother cutting and longer blade life. Made of controlled Alloy steel. Fits most standard make circular saws of like diameter. 5/8" bore.

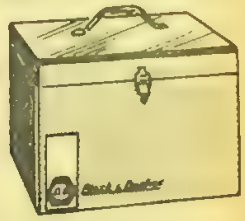
COMBINATION—blade for cross-cut, rip work.	101-39573E450	6 1/2"	$3.10
	101-39574E450	7"	$3.10
	101-39575E510	8"	$3.50
CROSSCUT—Best for cutting across grain.	101-39591E450	6 1/2"	$3.10
	101-39597E450	7"	$3.10
	101-39603E510	8"	$3.50
PLANER—for very smooth cuts. Hollow ground.	101-39592E770	6 1/2"	$5.25
	101-39598E770	7"	$5.25
	101-39604E880	8"	$6.00
FLOORING where occasional nails may be found.	101-39593E450	6 1/2"	$3.10
	101-39599E450	7"	$3.10
	101-39605E510	8"	$3.50
FRICTION for galvanized sheets.	101-39594E800	6 1/16"	$5.50
	101-39600E920	7 1/16"	$6.25
METAL CUTTING for cutting non-ferrous metals.	101-39995E580	6 1/2"	$3.95
	101-39602E580	7"	$3.95
	101-39608E680	8"	$4.75
CARBIDE Tipped—diamond-like hardness . . . keenest most durable blade—8 tooth.	101-39596E1860	6 1/2"	13.95
	101-39601E2000	7 1/4"	14.95
	101-39606E2130	8"	15.95

HEAVY-DUTY SAW TABLE

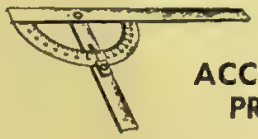
Fits 6 1/2", 7", 8" saws. Converts B&D portable saw into a bench saw with a 22"x22" work surface. 32 1/2" high. Top lowers to level of horizontal braces by sawing off legs.
101-2311E7600 $49.50

SAW CARRYING CASE

FITS ANY MAKE SAW



Handy durable cases of heavy gauge steel, specially designed to protect saw blades. For 6", 6 1/2", 7 1/4" saws.
101-SC67E1990 ..... $15.95
101-1913E2760 for 8" saws... 17.95



ACCURATE CUT PROTRACTOR

Makes rapid saw cuts at any angle from 0 to 90°, by placing protractor on board and advancing saw along straight edge of cut.
101-1812E760 ..... $4.75

RIP FENCE GUIDE

Attaches to saw shoes as guide in making rip cuts. Eliminates scribing long guide lines. Fits all B&D saws.
101-1915E590 ..... $3.75

Finest combination rip and crosscut blades. Made of heavy gauge steel, filed, polished and ground.

LOW COST COMBINATION RIP AND CROSSCUT BLADES

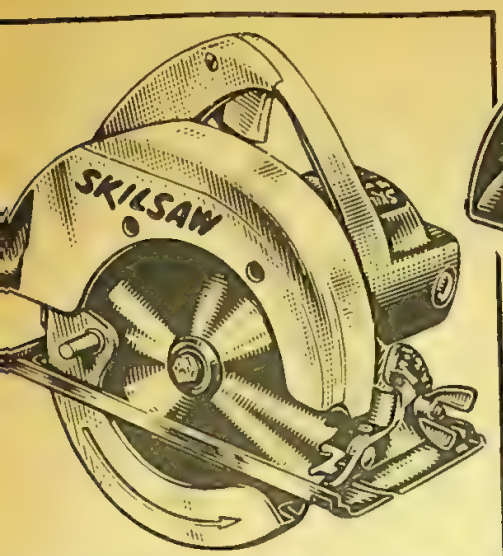
- Fast-Cutting Chisel Tooth Design
- Fit all saws with 1/2", 5/8" or Diamond Arbors

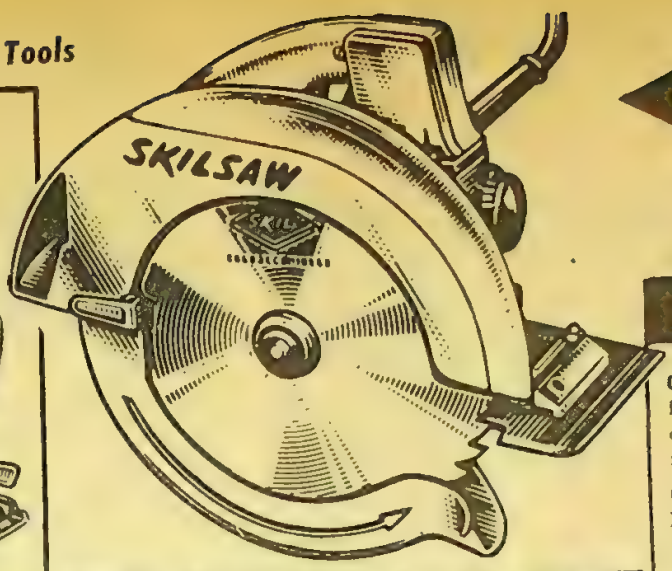
101-1650E340	6 1/2" Diameter	$2.29
101-1750E340	7 1/4" Diameter	$2.29
101-1850E380	8" Diameter	$2.59

For Home and Industry

Dependable Power Tools

SKIL





LOW PRICED BUILDERS SAW

Incorporates many professional features including a powerful 1¼ HP 9 amp, burnout-protected motor, and vari-torque clutch. Cut 2-3/16" at 90°, 1¾" at 45°. 5500 RPM.

104-534E4750 6½" blade $37.95

SPECIAL 5½" OVERHEAD SAW

Same features as above, with 5½" blade.

104-533E4400 1¾" cut $34.95

HIGH SPEED, SUPER-DUTY SAWS

Ball bearing construction throughout and new motors that give super burnout-protection to withstand frequent excessive overloads. "Vari-Torque" clutches protect against kickback and saw damage. Exclusive "Floating Guards" cover blade completely even on shallow depth settings. Also features push-button blade lock for fast changes, contoured "sure-grip" handle, easy to set depth and bevel controls. Equipped with combination blade

Catalog No.	Blade Size	RPM	Depth of Cut 45°	Depth of Cut 90°	PRICE
104-856E14600	6½"	5800	1¾"	2⅛"	$ 99.95
104-857E16100	7¼"	5800	2"	2½"	109.95
104-858E17600	8¼"	5400	2 3/16"	2⅞"	119.95
104-860E23400	10"	5400	2 13/16"	3¾"	159.95

SKIL SAW BLADES

Diamond Arbor with Bushing for ⅝ Arbor

COMBINATION: for cross-cuts and rip work.	104-20677E400	5½"	$2.85
	104-16122E440	6½"	3.15
	104-377E450	7¼"	3.25
	104-388E520	8¼"	3.75
CROSS-CUT: Best for trimming.	104-16123E440	6½"	$3.15
	104-356E450	7¼"	3.25
	104-350E520	8¼"	3.75
PLANER: For very smooth cuts. Hollow ground.	104-16124E800	6½"	$5.75
	104-362E830	7¼"	5.95
	104-9757E970	8"	6.95

MITRE GUIDE

Newest model gives fast accurate service. Correct miter cuts from any angle.

104-13802E660 ..... $4.25

SKIL RIP FENCE

NO MORE ERRORS!

Use to measure without marks.

104-17984E300	Fits 533, 534.	$1.95
104-25341E430	Fits 552, 553, 554	$2.75
104-25341E430	Fits 856, 857, 858, 860	$2.75
104-13896E430	Fits 367,77, 825	$2.75

BALL BEARING SAWS

Carpenters and home craftsmen alike welcome the unequalled cutting power of his mighty saw. Cuts wood, metal or composition easily and accurately. Ruggedly built with ball and needle bearings, oversize motors and hardened steel helical gears. ⅝" arbor. 115V, AC-DC. Complete with combination blade.

6½" Blade

Bevel cuts 2" dressed lumber at 45°, up to 2-3/16" at 90°. 5800 RPM, 10 amp motor.

104-552E10950 ..... $74.95

7¼" Blade

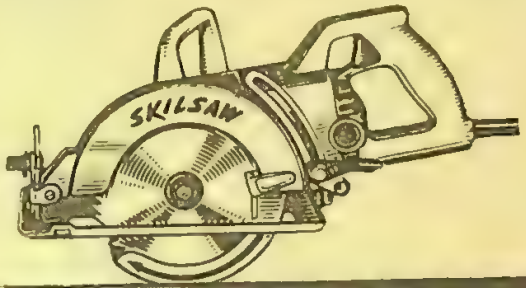
Cuts 1⅞" dressed lumber at 45°, 2⅜" at 90°. 5200 RPM, 12 amp.

104-553E12450 ..... $84.95

8¼" Blade

Cuts a full 2⅞" on cross cuts and up to 2⅛" on 45° bevel cuts. 5200 RPM, 13 amp.

104-554E13900 ..... $94.95



SKIL SUPER HEAVY DUTY

Compact saws that rip, cross-cut and make full 45 bevel mitres on all 2" lumber. All are equipped with "Vari-Torque clutch to prevent stalling. 4750 RPM.

Model	Blade Size	Depth of Cut 90°	Depth of Cut 45°	PRICE
104-367E22800	6½	2 3/16	1¾	$130.00
104-77E25500	7¼	2½	2-0	145.00
104-825E30800	8¼	3-0	2⅜	175.00
104-107E51000	9⅜	3⅜	2⅝	290.00
104-127E66000	11⅞	4⅜	3¼	375.00

#107 & 127 come complete with carrying case.

SAW CARRYING CASES

Heavy gauge steel, for saws and extra blades.

For no's 856, 857, 858

104-26099E2350 $16.00

For 860 saw only.

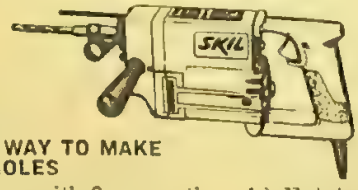
104-22740E3500 $23.50

Handy durable, made of heavy gauge steel, brackets protect blades.

For 367, 77, 825.

104-25198E2800 $16.00

SKIL ROTO HAMMER



LOW COST WAY TO MAKE ANCHOR HOLES

Only hammer with 3-way action: 1.) Rotates and hammers. 2.) Hammers only. 3.) Rotates only—to do all the jobs a ⅜ drill will do. Includes steel carrying case, depth gauge, side handle, capacity 11/32" to ⅝". 800 RPM or 2400 blows per minute. #1706 is double insulated with GE Lexan rear housing.

104-706E28000 ..... $159.00

Same as above double insulated with GE Lexan rear housing.

104-1706E29700 ..... $169.00

SKIL 3-WAY ACTION HAMMERS

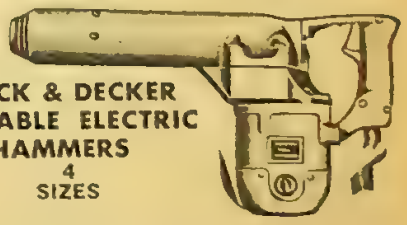
ELECTRO-PNEUMATIC

Hammers with automatic power rotation for fast, low cost masonry drilling, does regular hammering jobs and everything a ½" electric drill will do. Dust preventing metal filters, super burn-out motor. Comes with steel carrying case, can of oil, side handle depth gauge, hex wrench, dust shield.

Catalog No.	Blows per Minute	RPM	Capacity	PRICE
104-726E44700	2400	520	11/32-1½	$255.00
104-736E65000	2200	315	½-3½	370.00

BLACK & DECKER PORTABLE ELECTRIC HAMMERS

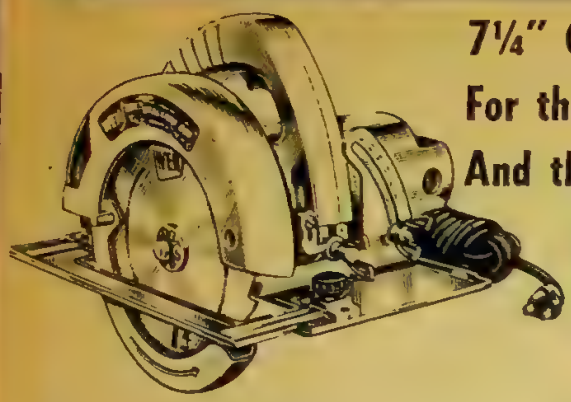
4 SIZES



Speeds up drilling or cutting operations requiring a hammer action. Complete with carrying case, star drill, 2 tool retainers, chuck wrench, dust shield, drift key and can of oil. For drilling and channeling in concrete, caulking joints, seams, etc.

Model	Range	Price
101-102E27300	¼ to ¾"	$155.00
101-103E34300	¼ to 1½"	$195.00
101-104E44000	½ to 2"	$250.00
101-109E66000	11/16 to 2½"	$375.00

Now! The Unbeatably Low Priced Stallion 960—Rugged 1¾ H.P. Saw

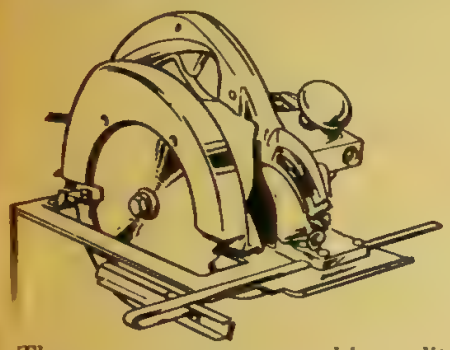


7¼" Circular Saw For the Professional And the Home Owner

WEN

STALLION can't be duplicated in price. Has depth and angle adjustment guides, front to rear tilt which offers positive control at any angle or depth. Saw dust chute ejects chips. Removable shoe plate for close corner cuts. 7¼" blade, ⅝" arbor hole. Capacity 0 to 2½" at 90°, 1⅞" at 45°. 115 VAC motor, 10 Amp., 1¾ H.P. 5200 RPM. 8' lifetime sleeve and needle bearings.

106-960E5990 Builders Model $44.95
106-96A88E1100 Carrying Case for above saw $9.95



Thor

Heavy-Duty Professional Ball Bearing Power Saws

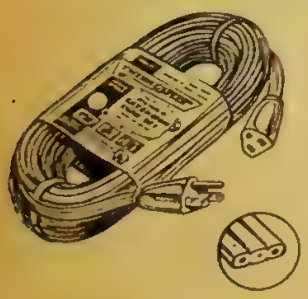
These saws are unsurpassed in quality features. All have heavy duty sealed ball bearings, alloy steel gears, easy-to-read adjustments, telescoping safety blade guard. Angle adjustment to 45°, depth adjustment, safety slip clutch, burn out proof motors, rip fence. All with ⅝" round arbor.

6½" SAW. Helps carpenters and craftsmen to make faster cuts. Cuts 2 7/16" at 90°. 1 11/16" at 45°. 1¼ H.P. motor, 115 V., AC-DC. 9 Amp.
102-460E8380 ..... $59.95

7¼" SAW. 7¼" blade cuts 2 7/16" at 90°, 1¾" at 45°. 1¾ H.P. motor, 115 V., AC-DC. 12 Amp.
102-475E10480 ..... $74.95

8" SAW. Delivers a speed of 5500 RPM. Cuts 2 13/16" at 90°, 2" at 45°. 1¾ H.P. motor, 115 V., AC-DC. 12 Amp.
102-485E12580 ..... $89.95

3-Wire Heavy-Duty Extension Cord



Flexible, high quality 3 wire cord for indoor or outdoor use. Resists abrasion, acid, oil, moisture, flame and severe weather conditions. UL approved connections.

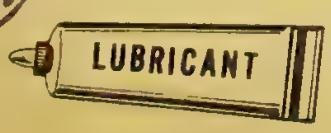
16 GAUGE

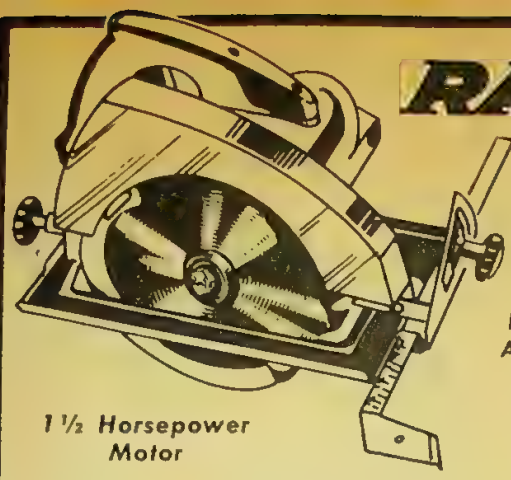
168-316-25E520	25 feet, 16 Amp.	$ 4.69
168-316-50E940	50 feet, 12 Amp.	$ 7.69
168-316-100E1650	100 feet, 8 Amp.	$13.69

14 GAUGE

168-314-50E990	50 feet, 15 Amp.	$ 9.49

SUPERIOR TUBE OF LUBRICANT
The perfect lubricant for all portable electric tools—saws, grinders, etc.
101-2194E150 ..... $1.25





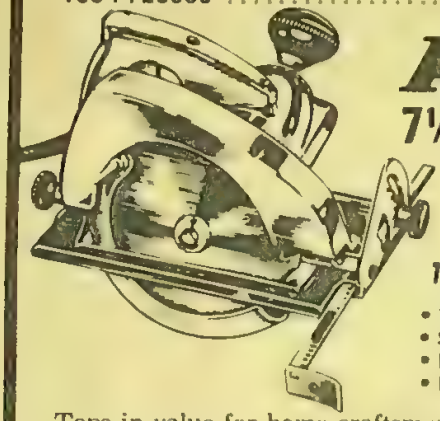
RAM

7" FURY POWER SAW

Featuring the Armature That Won't Burn Out!

1½ Horsepower Motor

The Fury has more features than saws costing 3 times as much. Built for power and effortless cutting with 8 Amp. rating and speed of 5,000 RPM. Depth of cut 2 15/16", depth at 45° is 2". Complete with rip guide, depth and angle adjustment. A special new safety slip clutch eliminates kickback and protects motor from overload. Universal series wound AC-DC motor, 3 conductor lead cord. ⅝" round arbor and combination blade.
109-F7E3990 ..... $39.95



RAM

7¼" Heavy-Duty Super Saw

Rugged 1½ H.P. Motor

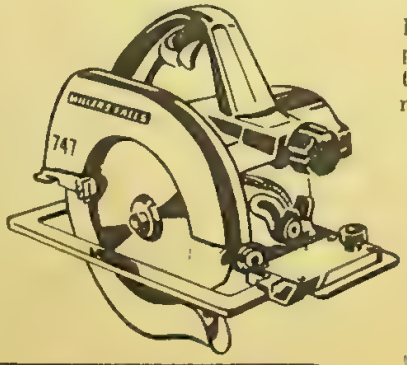
- Precision made
- Slip clutch
- Rugged construction
- Mirror finish

Tops in value for home craftsmen. Features many of the higher priced extras found in more expensive models. 1½ H.P. motor for effortless cutting. Rugged yet lightweight design permits easy one hand operations. 5,000 RPM, 110-120 V., AC-DC motor, 8 Amp. Maximum depth of cut 2 17/32" at 45°, 2⅛". 0° to 45° angle adjustment. Comes with combination rip and cross-cut blade and rip guide. ⅝" round arbor. 3 conductor cord with 2 prong adapter.

109-88E5300	Self Lubricating Bearings	$49.98
109-R7E6650	Heavy-duty Ball Bearings	$62.00

FULL POWER, DEEP CUT HEAVY-DUTY SAWS

All new design—The Most Expensive Features



Ruggedly engineered for the professional builder or contractor. *NEW* high power motors. 2 H.P. on Nos. 800 and 747—1½ H.P. on No. 646. *NEW* integral "arc" slide depth adjustment. *NEW* automatic self-compensating "Micro-Guide."

6½" SAW
103-646E10490 $74.95
7¼" SAW
103-747E12530 $89.50
8¼" SAW
103-800E13930 $99.50

MILLERS FALLS TOOLS

More Power Per Pound

WORLD FAMOUS NAMES IN HIGH POWER TOOLS

MOTO COPING SAW

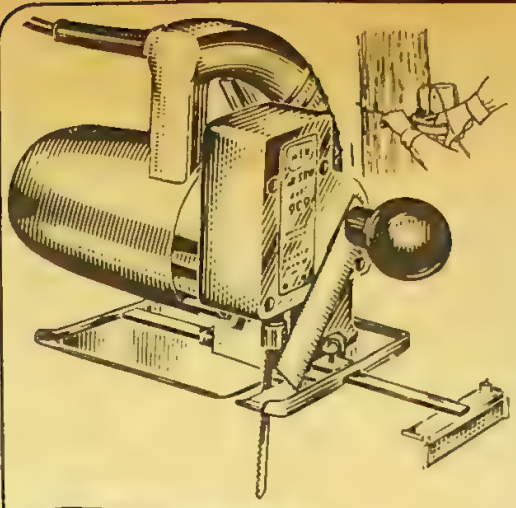
Newest Advance in a Free-Hand Cutting Saw

Built-in Versatility

- 7,200 Strokes Per Minute
- 9½" Throat Capacity
- 4-Way Blade Holder
- Safe as a Hand Saw

The latest innovation in a "free hand" saw. It's unique, practical and extremely versatile. Easily cuts intricate scroll work. Saws up to ¾" in thick asphalt, rubber, plastic floor or wall tile. The thin cutting blade saws so smoothly, no sanding is required. It's so safe the whole family can use it without danger. Operates on 115 Volts, 60 cycles, AC only. 7,200 SPM. 9½" throat.

105-501E1814 ..... **$12.95**
105-8029E100 Package of 12 extra blades **$.75 dz.**



ALL SAW

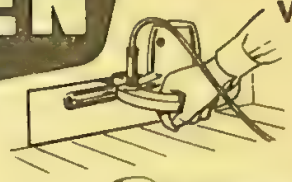
Cuts 4x4 at 45°
6" Log or Fine Scroll Work
½ H.P. - 6 Amp. Motor

- Cuts 2x4, 4x4, 6x6, all metals up to ½"
- Cuts pipe and thin wall up to 2"
- Cuts straight, curves or any pattern
- 3400 one inch strokes per minute

Wen's "All-Saw" is designed for all around work and can do jobs that a circular saw, pattern saw, band saw, chain saw or nibbler will do. Air stream clears away dust. Roller and oilite bearings. Complete with 7 blades.

106-909E5590 ..... **$44.95**
7 piece blade assortment
106-900E460 **$3.40**
Saw table, 18"x18"x8½"
106-9T2E2240 ..... **$14.95**

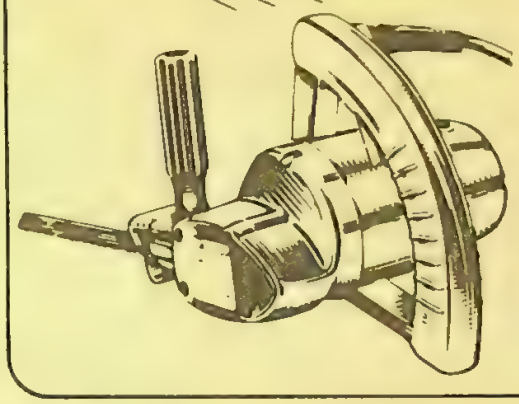
WEN



WORLD'S FIRST ZIPP ZAW

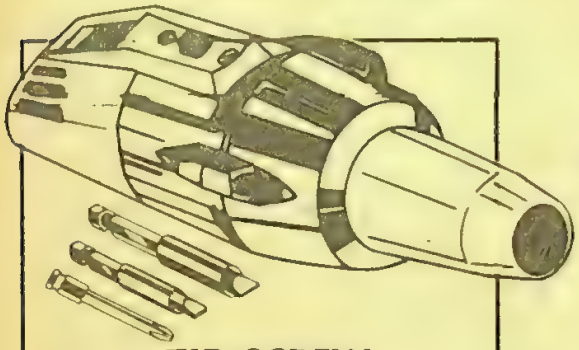
Cuts Anything, Anywhere Fast
Most Versatile Ever Made

- Industrially Rated, UL Approved
- Powerful 1/3 H.P., Universal 4¼ Amp. Motor
- 3200 1" Strokes Per Minute
- Heavy-Duty Roller & Oilite Bearings



No more problems of hard-to-reach cutting with this powerful "Free-Hand" saw. WEN Zipp saw handles like a keyhole saw . . . but the rugged motor does the work. Uniquely designed base plate permits complete cutting flexibility without adjustments. Cuts al. metal up to ½" in steel. Wood up to 6x6". Finger control trigger switch.

106-920E5900 ..... **$44.95**
106-900E460 7 Pc. Blade Asst. . . **$3.40**



ZIP-SCREW
REVERSIBLE ELECTRIC DRIVER

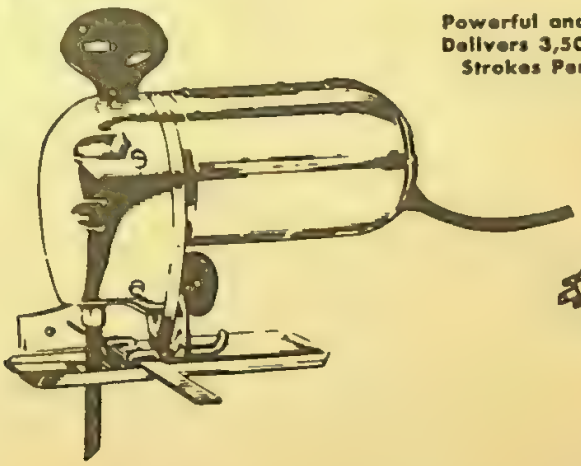
The first and only electric screwdriver of its kind . . . specifically designed for use around the house. Ideal for light assembly work, building or repairing cabinets, furniture, boats and hundreds of similar jobs. Complete with 2 Screw driver Bits and a Phillips head bit—only 8½" long. Specifications:

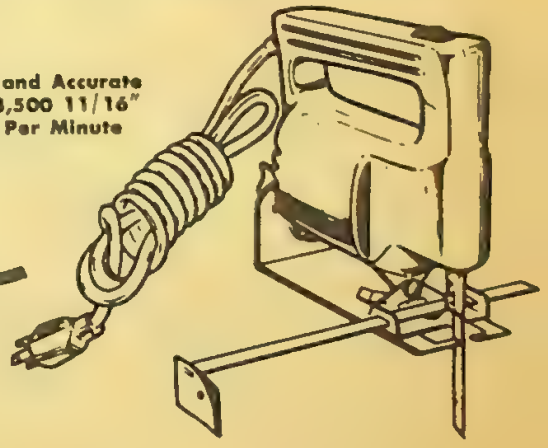
Capacity: Drives #4 through #12 wood screws.
Motor: Powerful Series AC 3.0 amp. 115 volts, 25 to 60 cycles. Listed by U/L as an industrial tool.
Speed: No load speed 325 RPM.
Bearings: Ball thrust and self-lubricating bronze bearings.
Switch: Instant release on-off switch on side of housing. **Reverse** switch on rear of housing.
Driver Bits. Accepts ¼" hexagon shank bits.

130-1895E5990 ..... **$35.95**

RAM 2.4 AMP SABRE SAWS

Powerful and Accurate
Delivers 3,500 11/16"
Strokes Per Minute



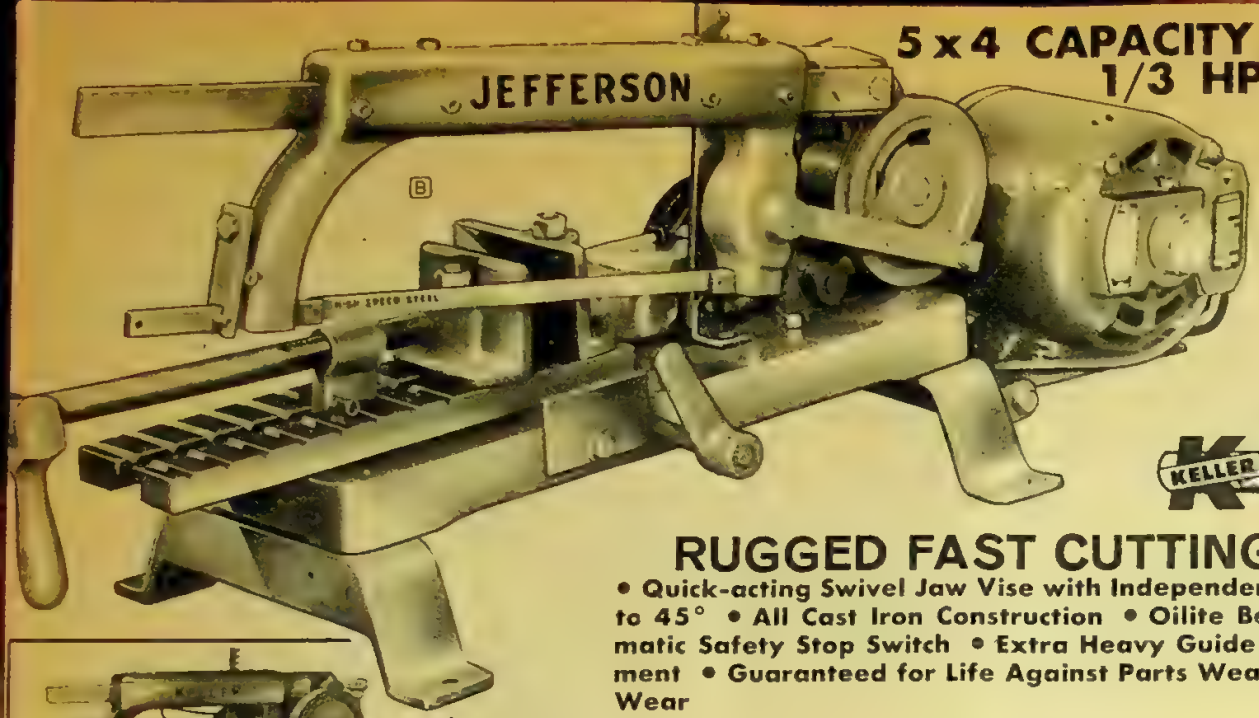


Pick the cutting job and the Ram Sabre saw will do it quickly and do it right. It does the work of a rip or cross cut saw. Cuts 2x4's, plywood, plastic, composition board, aluminum and metals. Universal ¼ H.P. motor, AC-DC, 115 V. Has plastic top handle knob for easy handling. Adjustable base permits bevel cuts from 0° to 45°. Comes with 3 blades, mitre gauge.

109-R44E3190 ..... **$29.95**

Multi-purpose Ram Fury. Does rips, crosscuts, keyholes and scroll sawing. Easily cuts 2x4's, plywood, plastic, composition board, aluminum. Has built-in cooling, positive slide switch, adjustable base, rip guide, mitre gauge. Bevel cuts from 0° to 45°. With 3 assorted blades. Mirror fir ·h. 115V., AC-DC. 2.4 Amp, ¼ HP motor.

109-F8E2340 ..... **$19.95**



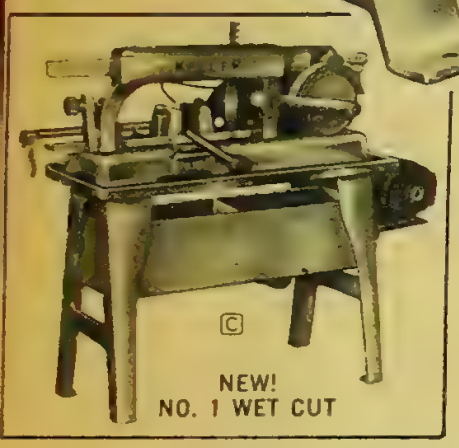
5 x 4 CAPACITY 1/3 HP

Roll the Saw to the Job with the Jefferson "601" Portable

KELLER AMERICA'S LARGEST SELLING Power HACK SAWS

RUGGED FAST CUTTING HACKSAWS

• Quick-acting Swivel Jaw Vise with Independent Steel Rails • Vise Swivels to 45° • All Cast Iron Construction • Oilite Bearings Throughout • Automatic Safety Stop Switch • Extra Heavy Guide Bar Bearing for True Alignment • Guaranteed for Life Against Parts Wear Failure Not Due to Normal Wear



NEW!
NO. 1 WET CUT

Ⓐ Sturdy cast iron legs and 7" rubber tires make the Jefferson the ideal saw for maintenance and light production sawing. Designed for in-plant or for on-site sawing on construction jobs. ½ H.P. 110 V-AC, with motor; switch wired. See saw described at right for detailed specifications. 130 lbs.
119-601PE20900 $124.50

Ⓑ Rugged powerful hacksaw with cast iron construction and Oilite bearings plus adjustable bronze gibs. Features include 45° swivel vise, length gauge bar, gives pressure relief on back stroke to prolong blade life. 3¾" stroke, 120 and 160 SPM, 5"x4" capacity, 1750 RPM, 110V-AC, ½ H.P. Motor. Saw without wheeled stand. Uses 10" or 12" hacksaw blades. 102 lbs.
119-601E16000 .....$95.00

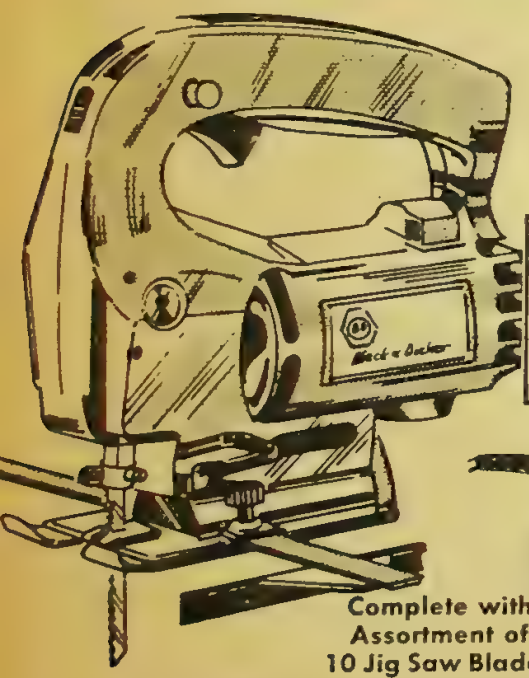
Ⓒ High speed hacksaw built to handle the toughest jobs. 5"x5" capacity wet or dry. Includes many quality features such as variable pressure feed control, automatic pressure relief on reverse stroke, coolant tank and pump and 12" high-speed blade. Capacity—pipe 4½" maximum. 3½" 45°. Dimensions—Overall height 36", floor space 15"x43". ½ HP motor at 1725 RPM (Stroke 3¾"), single phase 110V.
119-1WCE52800 275 lbs. **$310.00**

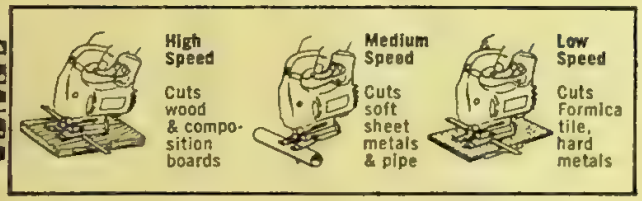
JIG SAWS FOR HOME AND SHOP

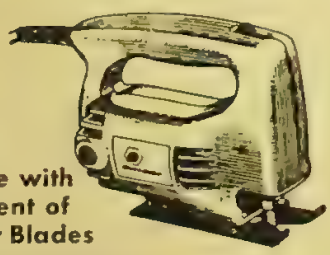
Black & Decker

SUPER DELUXE 3-SPEED JIG SAW ALL-NEW DESIGN

Lets the Operator Choose the Right Speed for the Material





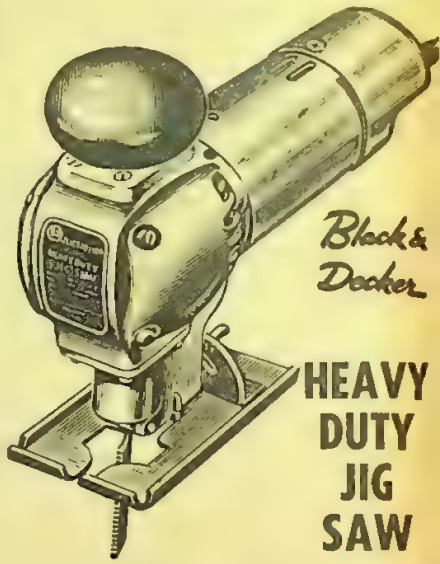


Complete with Assortment of 10 Jig Saw Blades

This mighty saw gives more power at the blade than any competitive model. Cuts wood, metal, plastics and other modern materials. Easy lever control of tilting shoe for bevel cuts. Combination housing includes rip fence and circle cutting attachment. 4 blades: rough, fine, medium, wood cutting and metal. Comes with allen wrench, wrench holder. Capacity 1" hardwood, 2" softwood, metal ½" bar, ¼" flat. 115 V., AC, 2.5 AMPS, ¼ H.P. 3000 SPM high speed, 2500 medium, 2250 low. ⅝" stroke length. Nylon shoe prevents splintering upper wood surfaces.
101-B256E7190 ..... $49.99

SINGLE SPEED SAW Includes Assortment of 10 Extra Blades

Same quality construction as jig saw at left. Makes straight, curved, and scroll cuts in wood or metal. Capacity 1" in hardwood, 3000 SPM, ⅝" stroke length, 115V-AC, 2.4 amp. motor.
101-B153E3550 .....$27.77



HEAVY DUTY JIG SAW

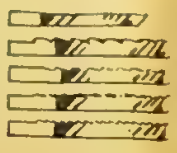
Fast-working and powerful. Designed for heavy-duty continuous operation. Adjustable shoe for bevel cuts to 1⅜" depth on both sides. Cuts wood, metal, composition material. Ball, needle and sleeve bearings. Reciprocating action eliminates vibration. 1" stroke—2" capacity. 3300 SPM. B & D universal motor. Complete with 3 blades.
101-11E20100 ..... $115.00

JIG SAW RECIPRO BLADES

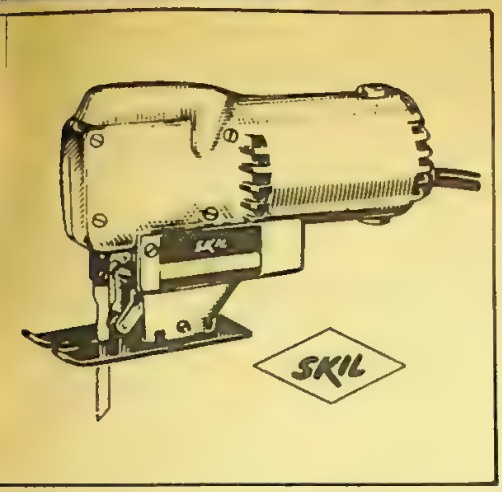
¼" SHANK—FITS MOST JIG SAWS

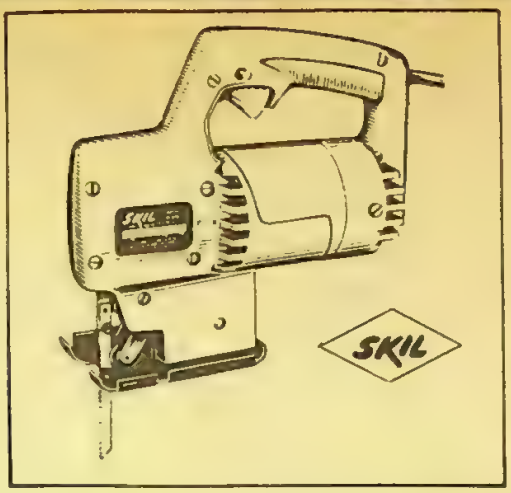
Here are 5 universal, superior quality blades. A complete assortment for every type of material, wood or metal. Each blade is precision cut to furnish fine, even cutting. Blades come in a package of five, assorted. Fits all popular sabre saws.
306-MW5E300 .....$2.25

Wood and Metal Cutting



PROFESSIONAL JIG SAWS ECONOMY PRICED





RIPS, CROSS CUTS, SCROLLS, NOTCHES

Unmatched in versatility. True orbital blade action cuts on up-stroke, clears work on the down stroke for faster cutting. Makes own starting hole. Powerful motor combined with rugged bevel gears, ball thrust bearings handle the toughest jobs. Cuts wood up to 2", soft metals up to ½", mild steel to ⅛". 2.3 AMP motor, 115 V., AC-DC 4000 strokes per minute. Includes 3 blades. 8" long.

104-514E4150 ..... $32.95

FOR THE PROFESSIONAL

Top handle for maximum control. Tilting foot with positive stops at 45° and 90°. Makes its own starting hole for pocket cuts. Cuts soft woods up to 2" thick at 90°, hardwood up to 1⅝", soft metals up to ½", mild steel up to ⅛". 2.3 AMP motor, bevel gears, ball thrust bearing. 3 blades included.

115 V., AC-DC, 4000 SPM

104-524E5420 ..... $36.95

3-Pc. Assortment for cutting wood, metal.

104-28197E440 ..... $3.00

Rip fence, circular guide.

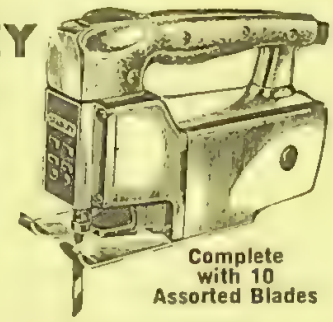
104-25174E300 ..... $1.95

BALL BEARING

A wonderfully reasonably priced jig saw for the home workshop. It's designed for the experienced craftsman for all-around work projects. Saw makes straight curved and scroll cuts in wood, metal, plastics and other up-to-date material. Includes three wood and metal cutting blades. Base tilts to 45°. Burn out proof motor. 115 Volts, AC 3.0 AMPS. 3000 strokes per minute. Stroke length ⅝".

102-920E3340 ..... $23.95

STANLEY HEAVY DUTY SABRE SAW



Complete with 10 Assorted Blades

PROFESSIONAL QUALITY FEATURES

Powerful sabre provides faster speed, perfect balance and a broad stationary base for stability. Cut curves, scrolls, or patterns. Rip 2" lumber, slice ½" steel bars, aluminum or brass. Features exclusive flush cutting, two-position base, out-of-way cord, smooth cutting anti-vibration mechanism. Cool comfortable switch handle. Powerful air blast keeps cutting line clear. Quick blade change. Exclusive "Window" brush-holders for easy access to check or replace brushes fast.

Number	Stroke	AMPS	Bearings	SPM	Price
891075E7800	⅝	2.5	Sleeve	3300	$49.95
100-B76E10590	⅝	3.0	Ball	3600	59.95

Pc. General Blade Assortment

000-83503E1110 ..... $7.95

Nationally Advertised Brands

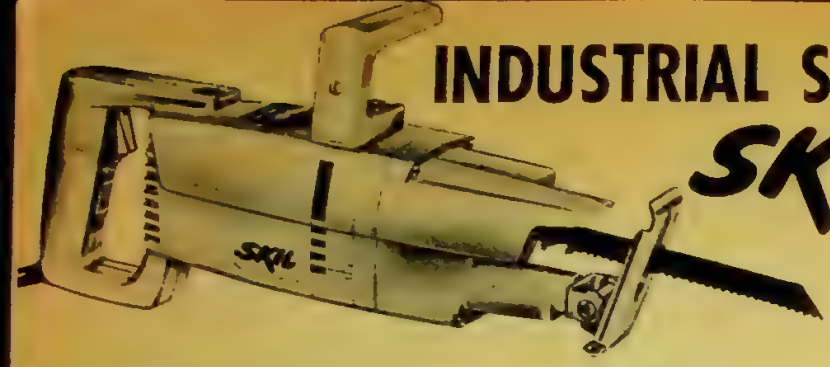
The Best Tool Values In America

STANLEY JIG SAW BLADES

Will fit all popular makes of jig and sabre saws using ¼" shank blades. Heavy gauge, industrial quality blades stay sharp longer and minimize breakage.

Material	Number	Blade High Speed Steel	Material High Carbon Steel	Hollow Groud	Teeth per Inch	Length	Price Box of 5 Blades
	100-83504E300		X		7	3"	$2.25
	100-83505E300		X		10	3"	2.25
	100-83508E600		X	X	8	3"	4.25
	100-83511E1000	X		X	10	4"	7.00
	100-83512E1000	X		X	6	4"	7.00
Wood	100-83513E1000	X			10	3"	7.00
	100-83514E1000	X			6	3"	7.00
	100-83515E1000	X			6	4"	7.00
	100-83516E1000	X			10	4"	7.00
	100-83518E1000	X		X	6	4"	7.00
	100-83522E1000	X		X	6	3"	7.00
	100-83523E1000	X		X	10	3"	7.00
	100-83524E1000	X		X	10	4"	7.00
Metal	100-83506E450	X			14	2⅞"	3.00
	100-83507E450	X			32	2⅞"	3.00
	100-83517E1000	X		X	6	4"	7.00
	100-83519E1000	X		X	6	3"	7.00
	100-83520E1000		X	X	10	3"	7.00
	100-83521E1000		X	X	10	4"	7.00
Knife	100-83509E450		X			2⅛"	3.50
Flush	100-83510E800		X		7	4"	6.25
Rt. Angle	100-83525E800		X		10	3"	6.25

INDUSTRIAL SAWS *Professional Tools for Builders*



SKIL

DYNAMIC RECIPRO SAWS FOR HIGH POWERED JOBS

- 2-Speeds permit cutting metal at various densities
- All Ball and Needle bearing construction
- Each has 13/16 Stroke, Big Capacity, 6 AMP Motor

2-SPEED ALL-PURPOSE RECIPRO SAW

Has a high cutting speed of 3,500 SPM, a low speed of 2,600 SPM. Excellent for the different cutting jobs encountered by skilled craftsmen. Outstanding features include: removable top handle, off-center blade for close cutting. With 4 blades and case. 115 V. AC-DC, 6 Amps.
104-70700E18100 ..... $103.00

2-SPEED METAL CUTTING SAW

The world's only portable built for metal cutting. Has 2 speeds, 1000 and 1400, for cutting in metals of different densities. Low speed for stainless, high speed for mild steel and non-ferrous metals. 115 V., AC-DC. 6 Amp. motor. Comes complete with 4 blades, metal carrying case.
104-70701E24000 ..... $137.00

Milwaukee

ELECTRIC HACK SAW

FASTEST LOW-PRICED HACK YOU CAN BUY!

- The Perfect All-Around Tool —101 Uses!
- Choice of Single or 2-Speed Model!
- Rugged Workhorses Pay for Themselves Fast!

Here's the perfect tool for cutting in dormers, windows walls. All ball bearing. Needs no starting holes. Cuts in wood or like materials. Cuts any shape clean and fast . . . 37 strokes per second. Single speed 2250 SPM. Comes with 22 assorted blades. Metal case. ¾" stroke.
107-6500E16600 ..... $94.50

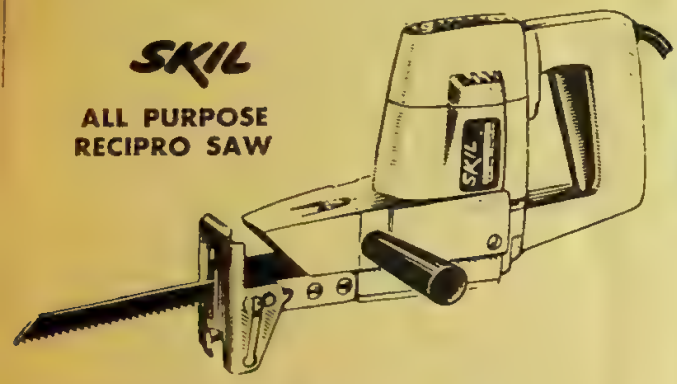
2-SPEED MODEL 2400 or 1700 SPM. As above.
107-6510E17500 ..... $99.50

ECONOMY BLADE ASSORTMENT

A special package of 45 Sawzall blades of 18 most popular types for cutting woods or metals. (49-22-1080)
107-BIE2550 ..... $14.25

SKIL

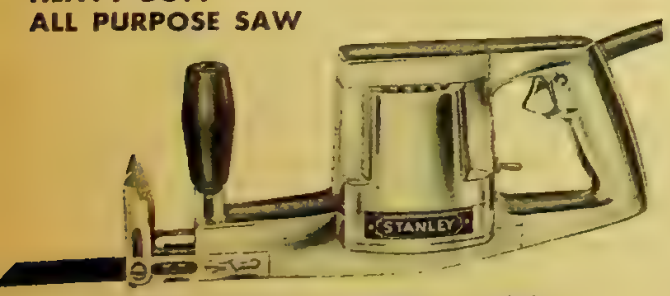
ALL PURPOSE RECIPRO SAW



Virtually unlimited cutting capacity. From 6" fence posts to the thinnest plastic sheets. Double reduction gears and "canted" blade permit fast cutting in tough material. Blade adjusts to 4 positions. Blower keeps dust off work area. Uses jig or recipro blades. 115 V. AC-DC. 3 Amp motor. ¾" stroke. Comes with 3 asst. wood-cutting blades. Only 11¾" long.
104-577E7340 ..... $49.95

STANLEY

HEAVY DUTY ALL PURPOSE SAW



Includes complete assortment of 45 blades

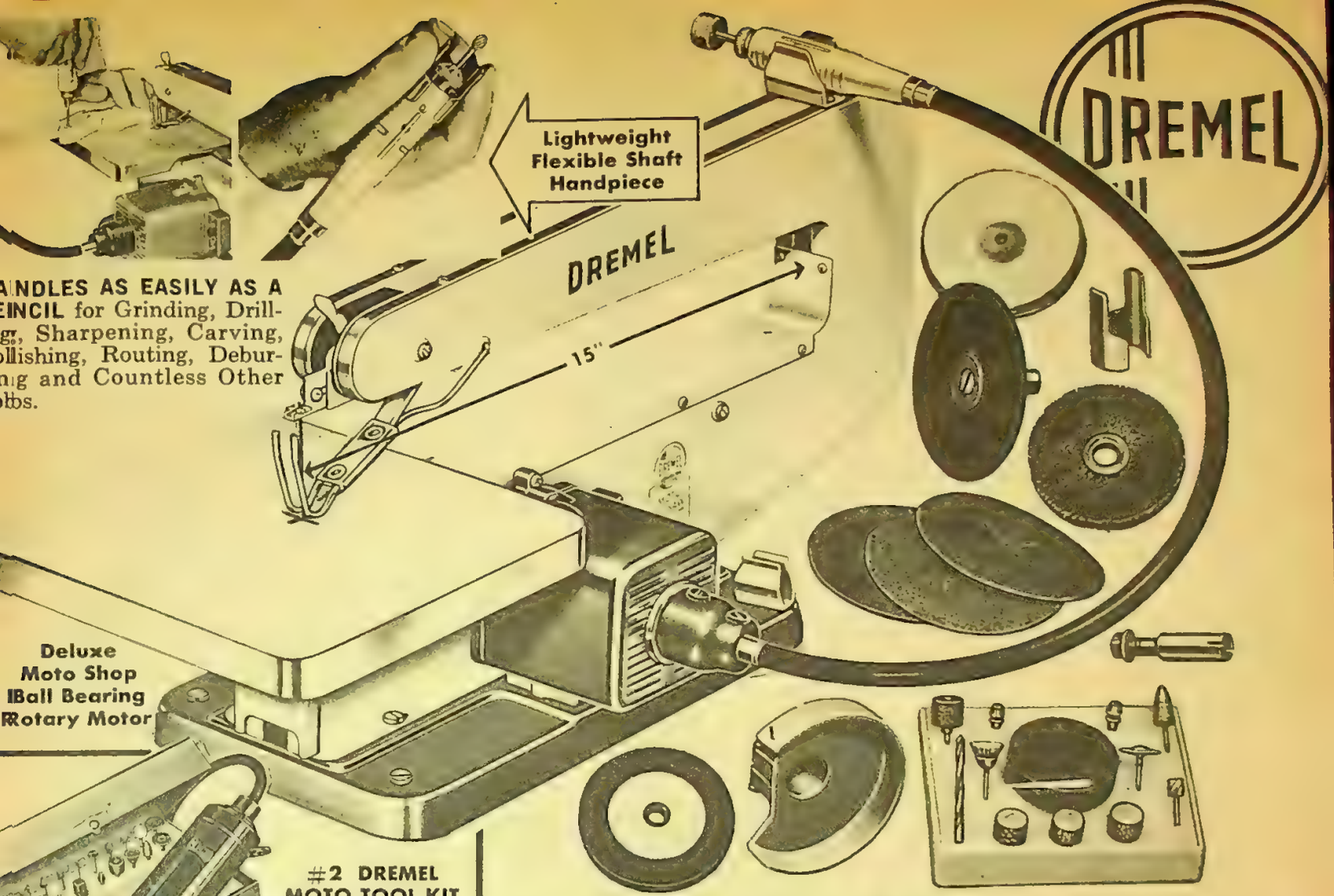
Multi-directional cutting, lets operator work in any cutting position with minimum effort. Blades can be mounted in six different positions for regular or flush cutting. Exclusive blade clamp prevents blade pull out while sawing. Saw operates on two speeds 2200 or 3000 SPM. Lubricated for life ball bearings. 115 V. AC-DC.
100-B363E19900 with 45 blades **..... $115.00**

ALL PURPOSE SAW BLADES

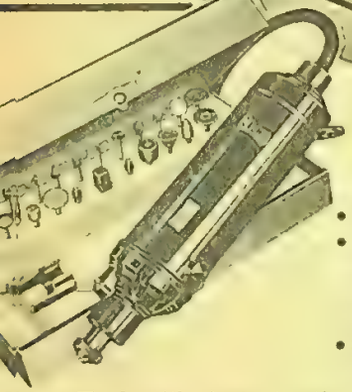
Fit most makes of reciprocating saws—Milwaukee, Stanley, Skil. Metal cutting blades are made of high speed steel. All others are tough, high carbon alloy steel.

Recommended Use	Blade Number		Milwaukee Blade No.	Teeth per Inch	Lgth. Ins.	Price Box of 5 Blades
METAL CUTTING (red blade)						
Ferrous metals ¼" or thicker; non-ferrous metals ⅛" or thicker. Use 8" blade for cutting cast iron, steel pipe to 4" diameter.	23607 23608 23609	E400 E670 E800	.. .. ..	10 10 10	4 6 8	$3.00 5.00 6.00
Ferrous metals 3/16" to ¼" thick; non-ferrous metals less than ⅛".	20548 20359	E400 E530	1172 1182	14 14	4 6	3.00 4.00
Ferrous metals 1/16" to 3/16" thick.	20546 20360	E400 E530	1174 2170	18 18	4 6	3.00 4.00
Ferrous metals less than 1/16" thick.	20544	E400	1176	24	4	3.00
METAL SCROLL CUTTING (red blade)						
Metals, ferrous sheet ¼" or thicker; non-ferrous metals ⅛" or thicker.	23610	E570	1161	10	4	4.25
Ferrous metals 3/16" to ¼"; non-ferrous metals under ⅛".	20549	E570	1162	14	4	4.25
Ferrous sheet metal 1/16" to 3/16" thick.	20547	E400	1102	18	3¼	3.00
Ferrous sheet metal less than 1/16" thick.	20545	E400	1103	24	3¼	3.00
WOOD ROUGHING-IN (black blade)						
Fastest cutting in 1" or thicker wood. Use for notching timbers, cutting green, wet or fibrous wood, limbing trees.	25921 25922 25923	E450 E770 E1050	1002	3½ 3½ 3½	6 9 12	3.25 5.50 7.50
Fast cutting in hard wood, plastic and hard composition board. Keyhole type blade. Nos. 20539, 20540 are narrow-width blades; Nos. 20572, 20573 are tapered-back blades.	20539 20540 20572 20573	E600 E1050 E530 E920	1041 1042 1031 1032	6 6 8 8	6 12 6 12	4.25 7.50 3.75 6.75
WOOD SCROLL CUTTING (black blade)						
Fast scroll cutting in wood, compositions.	20538	E600	1151	6	4	4.50
Hollow ground blade for smooth cuts.	20537	E670	1201	8	4	5.00
MULTI-PURPOSE (blue blade)						
Tough, economy blades for fast roughing-in, cut most materials including wood with nails, soft metals. Use 6-tooth blades for ½" or thicker materials, 10-tooth blades for materials under ½" thick.	20356 23605 20541 20542 20543	E320 E630 E280 E310 E600	1062 2011 1013 1014 2012	6 6 10 10 10	6 12 4 6 12	2.25 4.50 2.00 2.25 4.25
PLASTER CUTTING (white blade)						
Plaster and lath, other abrasive materials.	23606	E320	1052	6	6	2.25

LOWEST PRICES ON NATIONALLY FAMOUS BRANDS.



HANDLES AS EASILY AS A PENCIL for Grinding, Drilling, Sharpening, Carving, Polishing, Routing, Deburring and Countless Other Jobs.



#2 DREMEL MOTO TOOL KIT

- Lightweight (13 oz.)
- Sturdy 27,000 RPM Motor, 115 V, AC-DC with Oiless sealed trouble-free Bearings
- Shockproof Bakelite Housing

Moto-Tool with instant-action, wrenchless chuck, sliding snap type switch. "Handy Hanger" hook and 23-piece accessory kit including collets, high-speed steel cutter, steel saw, bristle brushes, steel brush, screw mandrel (with sanding discs), shoulder mandrel, drum sander, dressing stone and emery wheel points. Comes in metal case.

Complete Moto-Tool Kit with 23 accessories.
105-222E4550 ..... **$32.95**

Basic #2 Moto-Tool with chuck, 1/8" collet and emery wheel point.
105-221E3190 ..... **$22.95**

#3 DREMEL MOTO-TOOL INDUSTRIAL

- Powerful 27,000 rpm Motor 110-120 V., AC-DC
- Lightweight—18 ounces!
- High velocity fan assures cool operation!
- Dynamically balanced for vibration-free operation!

Quick action type chuck! Accommodates 1/16", 3/32", and 1/8" collets! Sturdy, shockproof bakelite housing! Size, 1 11/16" diameter, 7½" long! Handy hanger hook keeps tool within easy reach! Special finger grip for close tolerance work! No. 3 Motor-Tool Kit includes heavy duty No. 3 Moto-Tool, assortment of 23 accessories as listed in No. 2 Dremel Moto-Tool, steel case.
105-233E5550 ..... **$39.95**

Basic tool with 1/8" and 3/32" collet, and finger grip in a sturdy steel case.
105-232E4194 ..... **$29.95**

Giant 15" Large Cut Multi-purpose Workshop

Designed For Hundreds of Practical Home and Hobby Craft Applications Quickly Converts to Disc Sander, Bench Grinder, Buffing Wheel and Flexible Shaft Machine

DREMEL MOTO-SHOP. The amazing new Dremel Moto-Shop is the most versatile multi-purpose tool ever invented. Basically it's a 15" large-cut jig saw with a unique power takeoff to which you simply connect other attachments. It then converts to a disc sander, bench grinder, buffing wheel, and a flexible shaft machine . . . all powered by a Ball Bearing rotary motor. As a *jig saw*, it cuts 1¾" in wood, 18 gauge copper, 1/16" steel, ¼" aluminum—all with the same blade. The flexible shaft handles easily as a pencil, drills, carves, polishes, sharpens. Collet capacity 1/64" to 1/8". 15" throat capacity cuts to center of 30" circle. Motor speed 3,450 RPM.
105-572E6994 Jig saw complete with all attachments. **$49.95**
105-571E4754 Jig saw with disc sander attachment only. **$33.95**

DREMEL SAW BLADES—Fit all Dremel electric saws. For sawing intricate designs in all kinds of wood, plastics, masonite, brass, aluminum, copper, metal tubing, light gauge steel. 2¾" long, pin to pin.
105-8029E100 Pack of 10 ..... **$ .75**

CONVENIENT MOTO TOOL STANDS

A practical bench accessory that leaves both hands free for holding the work. Designed for No. 2 or No. 3 Moto-Tool. Ball and socket assembly adjusts quickly to hold Moto-Tool at any angle. Has quick action clamp for receiving and releasing Moto-Tool. Heavy cast iron base will not tip.
105-223E1190 Stand only. **$8.50**

DRILL PRESS FOR PRECISION WORK

Here is a very handy drill press to get more use from a No. 2 or No. 3 Moto-Tool. Perfect for precision drilling and routing—ideal for model makers, wood carvers, etc. Size 12" high by 6¾" x 4". Table can be raised or lowered, then locked into any position for accurate depth adjustment.
105-225E2100 ..... **$15.00**

Thor

IMPACT WRENCH

FINGER-TIP REVERSE ALL BALL & NEEDLE BEARINGS

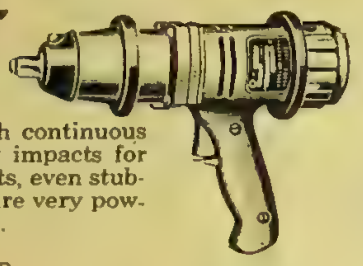
Here's the roughest most efficient impact wrench ever made. Delivers 1900 impacts per minute, cannot be stalled or over-loaded Therm-o-weld motor that cannot burn out. Patented armature construction absorbs shock. ½" square drive spindle adapts to a wide range of sockets. Kit includes: speed wrench, metal case, 6 sockets: ½", 9/16", 5/8", 11/16", ¾", 13/16" and a ½" capacity 3-jaw chuck.

102-56KCE13990 Complete Kit. $99.95
102-56E11190 Impact Wrench only. $79.95

Black & Decker

Impact Wrenches

All Ball & Roller Bearing



These wrenches have smooth continuous action converted into rotary impacts for driving or removing nuts, bolts, even stubborn frozen ones. Wrenches are very powerful and extremely durable.

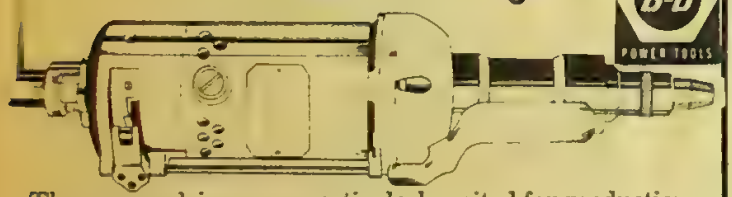
½" Drive-1800 RPM—4 Amp.
101-724E20000 ..... $115.00

¾" Drive—1700 RPM—6.5 Amps.
101-625E36800 ..... $210.00

WRENCH KIT contains ½" Drive wrench, 6 sockets ½, 9/16, 5/8, 11/16, ¾, 13/16, sturdy metal box.
101-724KE22700 ..... $130.00

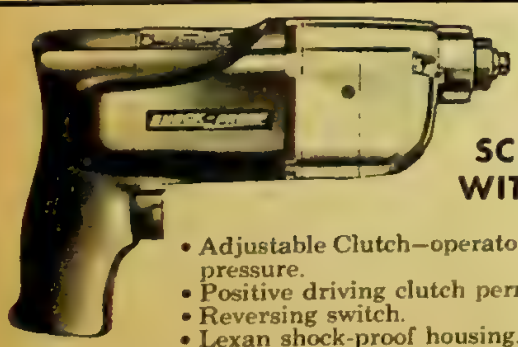
DeLuxe Scrugun®

B-D POWER TOOLS



These screwdrivers are particularly suited for production assembly work. Ideal for suspended use with paddle switch. Capacity: wood screws up to No. 10x2", self-tapping screws up to No. 12. No load speed 750 RPM. Includes bit with protector.

	Clutch	Reversing	
101-404E21100	Positive	No	$120.00
101-607E22900	Positive	Yes	130.00
101-381E24600	Adjustable	No	140.00
101-609E26400	Adjustable	Yes	150.00



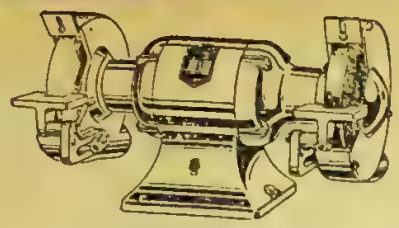
MILLERS FALLS TOOLS 1868

SCREWDRIVER WITH REVERSE

- Adjustable Clutch—operator controls exact pressure.
- Positive driving clutch permits spindle idle.
- Reversing switch.
- Lexan shock-proof housing.

Has longer life and fewer maintenance costs than any screwdriver on the market. Perfect for driving up to No. 14x3" on assembly line. Includes bits and finders for #8, #10 and #12 slotted screws. 115 V-AC/DC motor. .275 RPM, 2 Amp.
103-415RE8300 ..... $49.50

HEAVY-DUTY GRINDERS FULL BALL BEARING



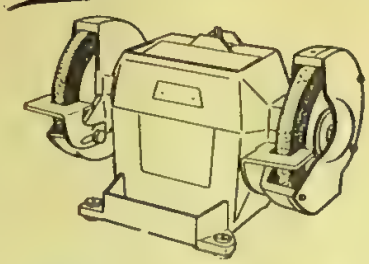
STANLEY

Number	Wheels	RPM	H.P.	Price
100-635E14000	6x5/8	3450	¼	$ 85.00
100-636E17200	6x¾	3450	⅓	105.00
100-637E25400	7x1	3450	½	155.00
100-638E32800	8x1	3450	¾	200.00
100-697E28000	7x1	1725	⅓	170.00
100-640E50800	10x1	1725	1	310.00

These Stanley grinders are built to last a life time. Overall heavy duty construction with extended frame which permits grinding of odd standard parts. Adjustable tool rests adjust height, angle and distance from wheel. Recessed switch. End covers. Wheel guards drilled for eye-shield mounting.

Thor

4½" SPEED GRINDER, 2 AMP MOTOR



A capable bench grinder with a 1/15 H.P. induction-type AC motor . . . and a speed of 3,450 RPM. One-piece cast aluminum housing. Water cooling tray, adjustable tool rests. Self-aligning oilless bearings, switch. With 4½"x½"x½" grinding wheels. 40 grit, 70 grit. Rear dust exhaust.
102-946E3340 ..... $23.90

Thor

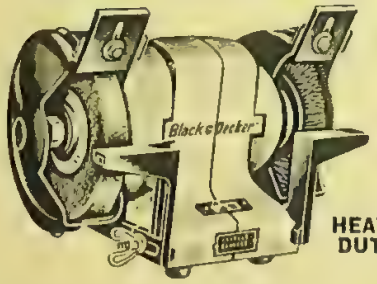
6" SPEED GRINDER

Powerful ⅓ h.p. air-cooled, 3450 r.p.m. AC induction motor, slide switch. Heavy duty framed eye-shields, cast alumium housing and wheel guards, mounting holes with rubber grommets. Adjustable tool rests have formed in angle guides for easy grinding of drills, bits, etc. Complete with two 6" x ¾" x ½" grinding wheels—one 46 grit, one 75 grit.

102-927E6440 ⅓ HP-Alloy Bearings.... $46.05
102-928E5580 ¼ HP-Alloy Bearings $39.90
102-130E6990 ⅓ HP All Ball Bearings... $49.95

Black & Decker

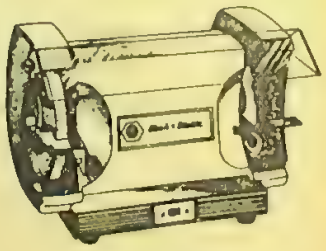
FINEST BENCH GRINDERS



HEAVY DUTY

6" ALL BALL BEARING FULL 1/3 HP MOTOR

Equipped with tool rests and spark shields that are adjustable for wheel wear, strong wheel guards, wide sturdy base with rubber feet. 115 Volts-AC only. 4.4 Amp motor, 3600 RPM. With one 6" stone and one 6" wire wheel.
101-614E10300 ... $59.00
Same as above plus 2 illuminated eye shields and two grind stones.
101-616E12900.... $74.00



6" BENCH GRINDER FULL ¼ HP MOTOR

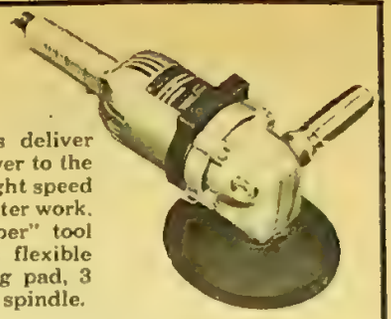
This grinder is an ideal addition to any home workshop. It's powered to do many jobs with ease and speed. It's beautifully styled. Features full width adjustable eyeshield, 2-way adjustable tool rests, removable end covers, sleeve bearings, positive wheel clamping and easy wheel changes. Includes: 6", medium grinding wheel, 6" medium wire brush, 4.6 amperes, 3,600 RPM, 115 Volts, AC only.
101-280E6550 ..... $39.99

SAVE MOST On Electric Disc Sanders, Grinders, Polishers—Nationally Famous Brands

Thor For Top Performance to Get the Job Easier, Faster

Assures steady power and speed under load. Recommended and used by leading car and polish manufacturers. Low price includes polishing bonnet, rubber backing pad. Detachable side handle. Rubber tool rest. ⅝"x11" spindle—7" disc.

Catalogue No.	RPM Speed	Cap.	Length	Price
1102-EL91E15300	2000	Std.	14¼"	$ 90.00
1102-EL92E15300	1400	Std.	14¼"	90.00
1102-EN92E17000	1400	H.D.	17¾"	100.00



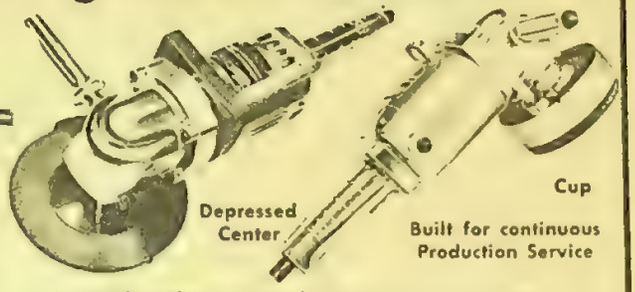
These sanders deliver 50% more power to the disc—at the right speed for cleaner, faster work. Rubber "bumper" tool rest. Includes flexible rubber backing pad, 3 discs, ⅝"x11" spindle.

Catalogue No.	RPM Speed	Disc.	Length	Price
102-EL82E15300	4500	7" Std.	13½"	$ 90.00
102-EN82E18700	4500	7" H.D.	17"	110.00
102-EN87E18700	4500	9" H.D.	17"	110.00

Thor All Ball Bearing-Electric Grinders

Miracle grinders have plenty of power to hold surface speed needed for efficient cutting action. Exceptionally rugged all ball bearing construction. Rubber "bumper" tool rest standard on EL 60, EL 62: Suspension hook furnished on EN 62, EN 64. Price of tool includes wheel.

Catalogue No.	RPM Speed	Wheel Sz.	Price
102-EL60E16140	6000	4"x¾"	$ 95.00
102-EL62E17000	4500	5"x¾"	100.00
102-EN62E19600	4000	6"x1"	115.00



Built for continuous Production Service

A favorite with automotive shops and garages. Detachable side handles and rubber tool rests.

EN71 equipped with depressed center (cut-off) wheels and 7" wheel guard, backing plate. No wheels furnished.
EN72 equipped for cup grinding with adjustable guard. Cup wheel furnished.

Catalogue No.	RPM Speed	Wheel Size	Length Long	Price
102-EN71E18400	5500	7" wheel	17"	$108.00
102-EL72E15300	4500	6" cup	17"	90.00
102-EN79E18700	4500	9" wheel	17"	110.00

Milwaukee Sander-Grinder Full 1½ H.P. All Ball Bearing

Used widely in auto body shops by sheet metal fabricators. Can be converted from sanding to grinding or wire brushing. 15-½" long — ⅝ x 11 thread. Full ball and roller bearing construction. Spring - loaded clutch drive prevents backlash. Both sanders are built for continuous duty.

Catalogue No.	Diam.	RPM Speed	Price
107-6020E16650	7"	5000	$ 98.00
107-6060E17400	9"	5000	$102.50

STANLEY

All Ball Bearing Disc Sanders and Grinders

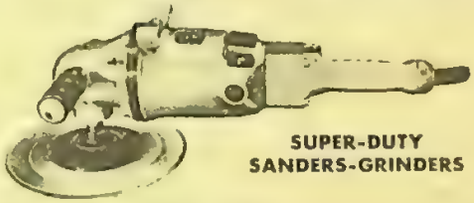
Heavy-duty powerful sanders built for the toughest production and repair work. Mechanical refinements and compact design assure long-life tool for fast sanding and buffing. Complete with flexible pad and side handle. ⅝"x11" spindle 17¼" long.

Catalogue No.	RPM Speed	Diam.	Amps.	Price
100-367E18200	5000	7"	9	$111.50
100-368E18600	6000	7"	10	113.50
100-369E19200	5000	9"	12	116.00

Black & Decker FINEST QUALITY SANDERS, POLISHERS AND SPEED-UP ACCESSORIES

7" Heavy-Duty Polisher

Greater power provides brilliant results on all polishing jobs. Handles easily — polishes large areas in minimum time. All ball and needle bearings. Standard equipment — rocker-type switch. 7" backing pad, lamb's wool bonnet, reversible side handle. ⅝x11" spindle.
Heavy Duty, 6.5 Amp., 15½" long.
101-99E15700 ..... $90.00
Standard, 5.2 amp, 14" long
101-992E12200 ..... $70.00



SUPER-DUTY SANDERS-GRINDERS

These high-powered beauties are capable of continuous production service. They perform every kind of surfacing job. Disc - sanding, removing studs, paint, brand marks, ⅝"x11" spindle—12 Amps. 115 V-AC/DC.
7" disc, 5000 RPM
101-590E18900 ..... $108.00
9" disc, 4000 RPM
101-433E19400 ..... $111.00

7" HEAVY DUTY SANDER

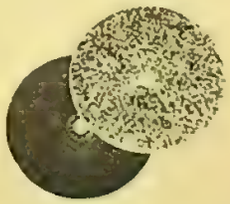
Powered to turn out more jobs per operator. Ball bearings, spiral bevel gears. Lightweight, yet rugged. 6.5 amp motor. ⅝" x 11" spindle. Backing pad and side handle included. 115 V-AC/DC.
101-92E15700 4250 RPM Heavy Duty ... $90.00
101-891E12200 4250 RPM Standard $70.00

7-INCH POLISHING BONNET

Highest quality lamb's wool. Used for final buffing on lacquered surfaces to bring out high lustre.
100-93628E570 $4.20

7-inch Sanding Disks

FIBRE BACK aluminum oxide, hardest and toughest abrasive in commercial use. Perfect for grinding, polishing hard materials.



Catalogue No.	Grit	Type	Box of 10
155-7CCE780	Coarse-24	Closed	$10.00
155-7CME770	Medium-36	Closed	9.00
155-7CFE640	Fine-80	Closed	8.00
155-70VCE1100	V. Coarse-16	Open	12.00
155-70CE880	Coarse-24	Open	10.00

WIRE CUP BRUSH

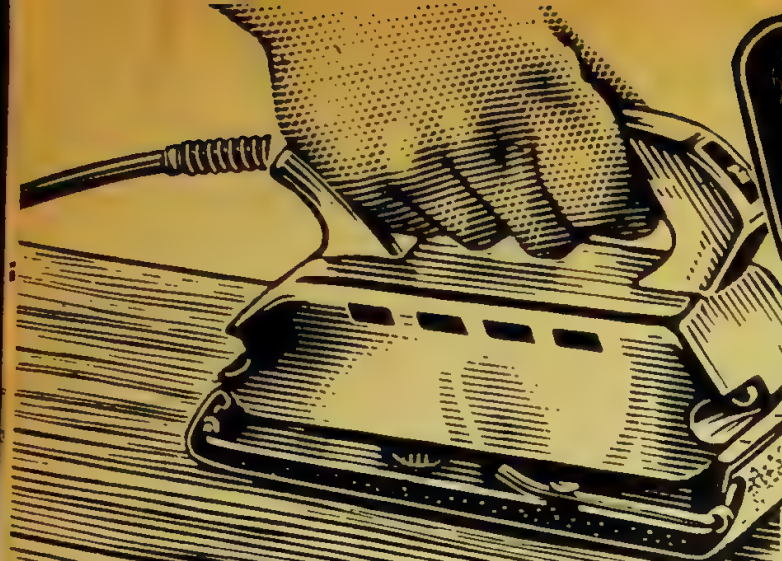
For cleaning tanks, castings, metal, stone or concrete. Removes scale or rust. Attaches directly to sander. ⅝"x11" thread.

101-18056E900	4" diam.	$5.15
101-24353E1100	5" diam.	6.35
101-12398E1270	6" diam.	7.25

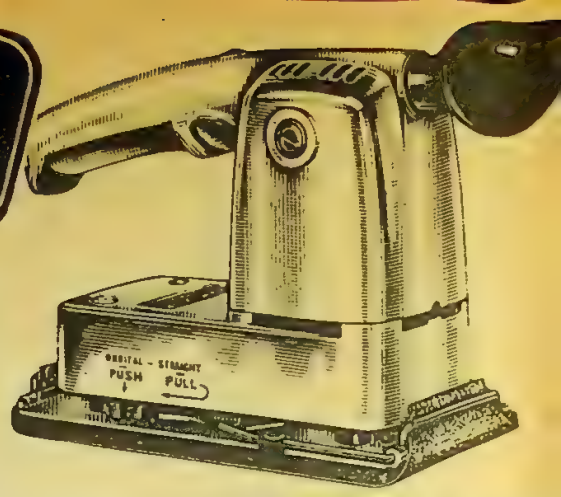
GRINDING WHEELS

For smoothing welds and surfaces where metal is to be removed. Attaches directly to sander in place of flexible pad. Cup wheels have ⅝"x 11" thread.

212-98E1200	4x2	$ 9.00
212-95E1600	5x2	12.00
212-100E1920	6x2	14.50



WEN



7200-3/16 INCH STROKES PER MINUTE

Straight Line Sander Contour grip handle allows operator to sand with the grain. Cool, quiet running, no bounce, no whip. Has a 110-120 V., 1 AMP 50/60 cycle AC electro-magnetic motor. 26 square inches of sanding area. Assembles quickly. ⅓ standard 9 x 11 sheet of sandpaper clamps into place with slip lever action. Lifetime shockproof rubber mounts have no springs. No lubrication is required—motor won't burn out. Non-rust aluminum die cast housing. 7½" long x 3⅝/ wide x 4¾" high. Comes 6' 3 wire, grounded cord.

106-310E1980 ..... **$14.95**

CONVERTIBLE DUAL ACTION

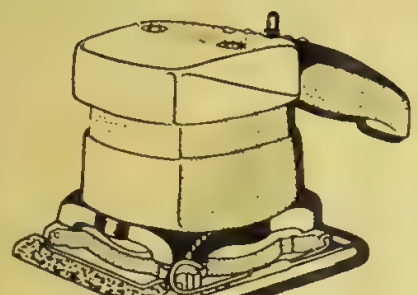
Straight Line and Orbital Sander

Changes instantly from orbital 1 straight line fine finish sander; 420 orbital strokes per minute for roug sanding, 9,000 ⅟₁₆" straight line stroke per minute for finish sanding. Rugge lightweight aluminum casting. Moto has ball thrust bearing and ball an sleeve spindle bearings. Quick chang sandpaper clamp. Burnout proof arma ture. Sandpaper size 3⅝"x9". Overal length 10½", width 3⅝", height 7 Heavy duty slide switch, 6 ft. 3-win cord and plug. Complete with 3 sheet assorted sandpaper.

106-320E3720 ..... **$27.9**

Thor

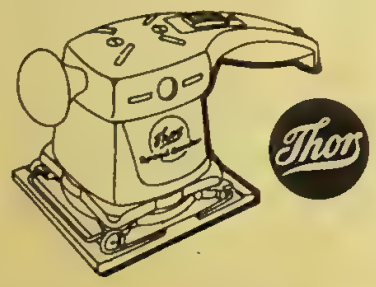
HIGH QUALITY SANDER



Ideal for rough or finish sanding or polishing ... even massaging. Fast, powerful and lightweight. Equipped with two-pole induction type motor, standard voltage 115 V., 60 cycle, AC only, special alloy self-oiling bronze bearings, plus teflon coated washer and ball-bearing on sander drive plate. Large 4½" x5⅛" sanding area, paper size 4½x6½". 1.8 Amps—Therm-o-weld motor. 3450 OPM, ⅛" orbit stroke. U.L. industrial rated and CSA approved. 8 inches long. High-polish finish with rich Black crackle trim. Here is an efficient, dependable sander, specially priced for extra savings.

102-930E2500 ..... **$17.95**

ALL BALL BEARING



Multi-purpose sander with unbeatable features. Husky all around sander yet light enough for overhead work. 4½"x5⅛" steel platen with sponge rubber backing travels in ⅟₁₆" orbital motion. Paper changed in seconds. 3450 OPM. 110V., 50-60 cycle, AC air-cooled motor. Sealed ball-bearings. 2.1 AMP. 4⅜ lbs.

102-150E4190 ..... **$29.95**

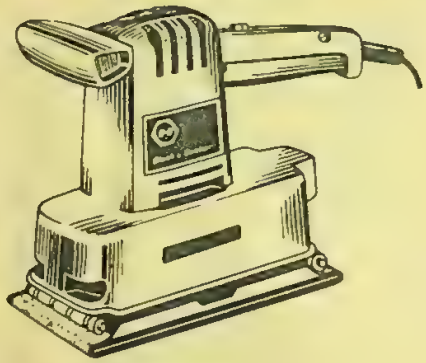
HEAVY DUTY PRODUCTION SANDER

This new highly polished speed sander with series wound AC-DC motor and all-sealed ball-bearing construction is the perfect tool for all sanding, polishing automotive feather edging, marine work. Orbital action provides a ⅟₁₆" stroke. Large 4½ x 9" sanding surface. 5500 OPM.

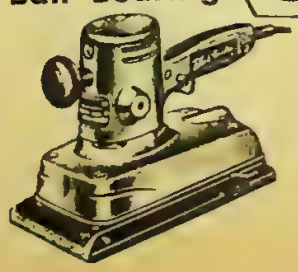
BALL BEARING

102-1500E6990 ..... **$49.95**

Black & Decker



Ball Bearing



High-Powered Utility Sande

Includes 50 pieces assorted sandpaper

The perfect sander for fine finishin on wood, metal or plastic. Over 2 square inches of orbital sanding sur face. Platen extends beyond housin for flush sanding on 3 sides. Easy t get into corners. Holds 6 sheets o abrasive paper at one time . . . fo fast paper changing. Built-in fron handle for extra control. Motor pro duces 4000 OPM. 3⅝x9" Paper siz 2.2 Amp.

101-5140E3990 ..... **$24.9**

Dual-Action Orbital Sande

Includes 50 pieces assorted sandpaper

The new deluxe dual action finish ing sander is lightweight, perfectl balanced. The dual action pad pro vides orbital motion for fast remova as well as straight line action fo fine finishing. Just move lever t change action. 3⅝x9" paper siz 115V., AC-2.2 Amp. ⅛ H.P. 400 OPM. This Black & Decker Sande is an exceptionally fine value.

101-5240E5390 ..... **$34.9**

4½x9" Large Surface

The Fastest-Cutting, Most Powerfu Orbital Sander on the Market!

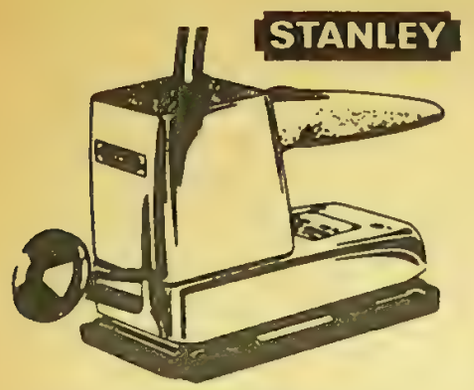
For Satin-Smooth finishing at high speed superb tool for furniture builders, carpente painters, finishers, pattern makers, cabin makers, boat builders, body shops, sheet met shops, craftsmen, etc. Has increased work capacity. Completely ball-bearing 115 AC-D Motor, 5000 RPM, 4½x9 surface. 2.8 Amp. Heavy Duty.

101-88E12000 ..... **$69.**

Deluxe, 2.5 Amp.

101-341E7990 ..... **$49.**

FAMOUS BRANDS . . . FOR SHOP OR HOME

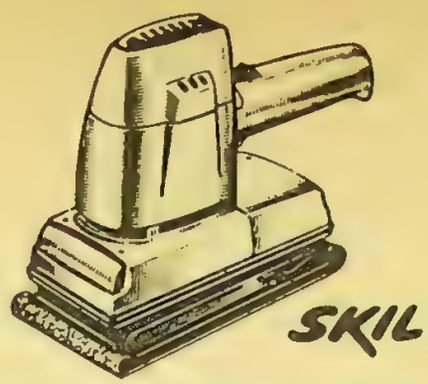


Heavy-Duty Sander

Includes 50 pc. assortment of Sandpaper

The new Stanley heavy duty orbital sander is tops in its field for fine finishes or refinishing work. Is the ideal tool for tight spots, recessed paneling and stair risers. Can be used by carpenters, body shops, sheet metal workers. Is unequalled as a fast-cutting tool. Gives heavy-duty service, produces satin-smooth finishes, on wood, metal or plastic. Large 3⅝x7 1/16" pad size. Ruggedly built to give many years of dependable, satisfactory service.

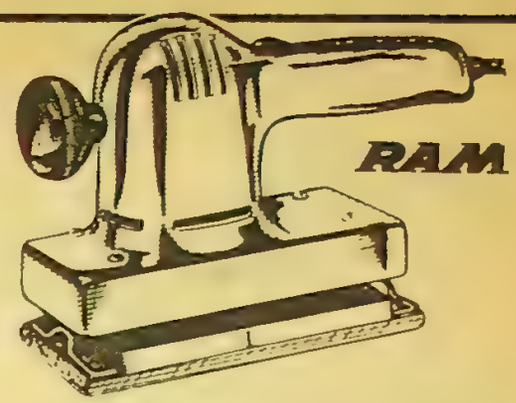
91036E8470 ..... $54.95



Skil Sander With Large Pad

Here's the finest low-cost sander on the market. Sands with or across grain. Has 3⅝x7" surface. Just a few passes over old or marred woods restores the finish. Sands flush on 3 sides. Orbital action allows sanding with or across the grain. Spring-action clamps hold up to 4 sheets of paper at one time. Powerful 2.5 Amp. motor, 115 V., AC only, delivers 5,000 OPM, 3/16" stroke. Comes 3-wire cord, only 4½ lbs.

104-592E5850 ..... $39.95



2-Way Sander With Ball Bearings

A turn of the screw turns the Ram from a straight line sander into an orbital 3/16" stroke. The most wanted features include: heavy-duty ball bearing and self-lubricating sleeve bearings, positive switch action, 6 foot lead cord. 3-conductor cord assures trouble-free service. 2.4 Amp., 115 V., AC-DC motor. Only 4¾ lbs. Big sanding surface 3 9/16x7⅛". An exceptionally low-priced sander designed for service.

109-120E3120 ..... $28.50

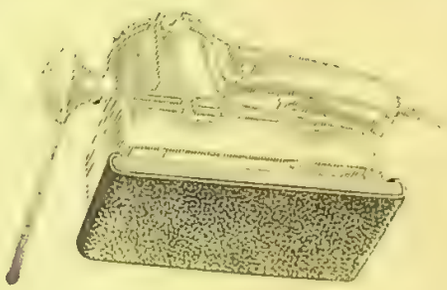
SAVE ON ABRASIVE PAPER FOR ANY SANDING NEED

GRIT SHOE

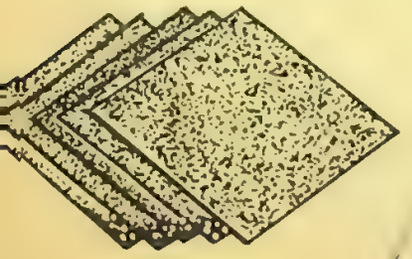
Tungsten-carbide grits brazed on steel

TUNGSTEN CARBIDE GRITS BRAZED ON STEEL LAST 150 TIMES LONGER THAN SANDPAPER

Exciting new product fits most standard orbital sanders. Always stay sharp, will not tear like sandpaper. Ideal for unfinished or painted wood, wallboard, plaster, or dry wall joints. Will fit Black & Decker, Wen, Ram, Skil, Stanley. 3⅝x9 sandpaper listed at right.



157-F53E220 150 Fine ...$1.59
157-M53E220 80 Medium $1.59
157-C53E220 60 Coarse ..$1.59



LARGE 40 SHEET SANDPAPER ASSORTMENT

Here's a real value. A complete assortment of 9x10" sheets aluminum oxide sandpaper. All grits from extra coarse to extra fine.

155-404E140 40 sheets ..$2.00

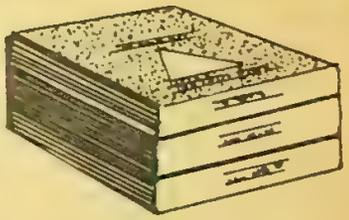
ALUMINUM OXIDE PAPER FOR OSCILLATING HAND SANDERS

A hard sharp and enduring abrasive. Fast cutting and long lasting grains for use on wood or metal. Size 3⅝x9" fits B&D, Dremel, Ram, Skil, Stanley, Weller sanders. A big buy at this price.

Number	Grit	Paper	Price
152-C39E130	Coarse	16 Shts.	$1.00
152-M39E130	Medium	16 Shts.	$1.00
152-F39E130	Fine	20 Shts.	$1.00
152-XF39E130	Very Fine	20 Shts.	$1.00

ABRASIVE SHEETS

Made in USA to meet rigid standards of quality and uniformity. Full size sheets.



FLINT PAPER. For general all-around sanding. 9x10" paper size.

Number	Grit		Sheets per Sleeve	Price per Sleeve
155-FVFE400	Very Fine	4/0	100	$2.80
155-FFE400	Fine	2/0	100	$2.80
155-FME440	Medium	1/2	100	$3.15
155-FCE300	Coarse	2	50	$2.03
155-FVCE360	V. Coarse	3	50	$2.58

Emery Cloth for metal polishing. 9x11.

155-EVFE1480	Crocus-Very Fine		50	$10.10
155-EFE1480	Fine	2/0	50	$10.10
155-EME1540	Medium	1/2	50	$10.50
155-ECE1600	Coarse	1-1/2	50	$11.50

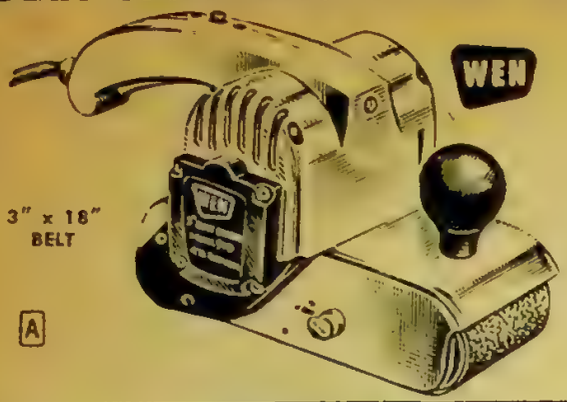
Jewelite—Waterproof paper—9x11 removes paints and varnishes.

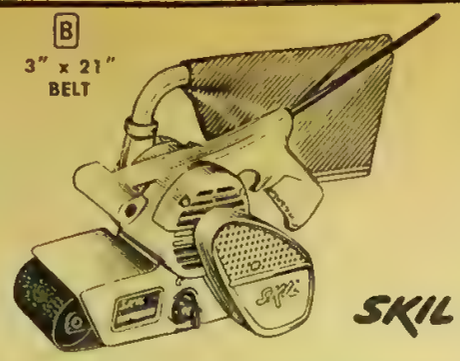
155-WVFE870	Very Fine	8/0-280	50	$6.50
155-WFE870	Fine	6/0-220	50	$6.50
155-WME990	Medium	4/0-150	50	$7.80
155-WCE1200	Coarse	2/0-100	50	$9.20

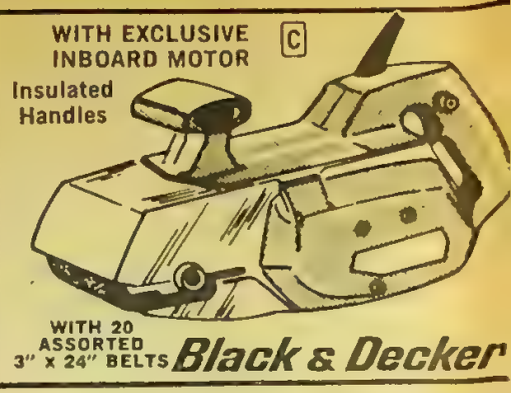
Cabinet Paper—Heavier production for fine wood finishing 9x11.

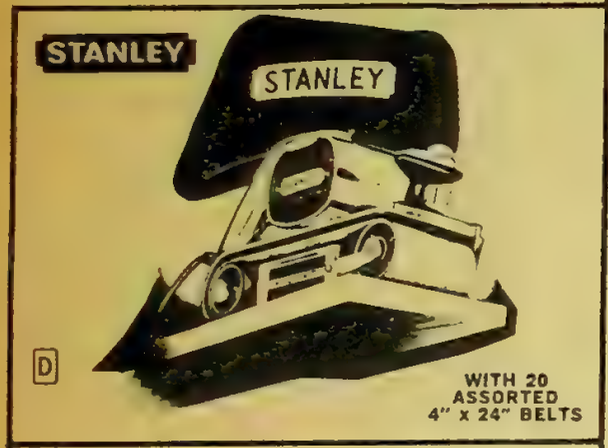
155-CVFE1500	Very Fine	4/0	100	$9.30
155-CFE1500	Fine	3/0	100	$9.30
155-CME800	Medium	2/0	100	$5.20
155-CCE1100	Coarse	0	50	$6.85
155-CVCE1200	Very Coarse	1/2	50	$7.80
155-CVVCE1380	Very Coarse	1-1/2	50	$8.80

BELT SANDERS OFFER THE FINEST SMOOTHEST FINISHES









DUSTLESS SANDERS

For cleaner, easier, faster sanding

Sands flush to vertical surfaces

- Forced Air Flow Keeps Sawdust off work area
- Built for continuous service

(A) A new 3-in. sander industrially rated for heavy duty, complete with 3 sanding belts, 3" x 18", Coarse, Medium, Fine. Has 1001 applications. Light weight—7 pounds, gear-driven, permanently lubricated, large ventilating slots for cool operating. Contour handle grip, Universal 4¼ amp. motor. 110V AC-DC. Belt speed: 850 S. F. P. M. Height: 5¾". Width: 5½". Length: 10½".
106-910E5900 ..... **$44.95**
10 assorted belts: coarse, medium, fine.
155-B318E600 ..... **$5.00**

(B) Extremely powerful lightweight sander has fan driven dust pickup unit that draws dust into bag for quick disposal. 5.5 AMP motor maintains belt speed even under heavy pressure. Sands flush to vertical surfaces. Other features include: Anti-friction bearings, precision cut gears. 3"x21" belt, 925SFPM.
104-595E10200 ..... **$69.95**
155-B321E640 10 Asst. Belts **$6.00**

(C) Inboard motor puts the weight down on work — stops tilting at top, gouging at bottom. Sand up to vertical surfaces. Exclusive tracking mechanism, posi-sealed lubrication. 115V-AC, 5.7 Amps. 1200 SFPM. See Dust Collector below.
101-B144E9990 ... **$64.99**
2-SPEED — 1250 or 1050 SFPM
101-B244E11990 .. **$74.44**

(D) Built-in vacuum removes 90% of dust. Two speed unit (1100 and 1200 SFPM) 115V, AC-DC, 8½ AMP motor. Zipper bag swivels 360°. Comes with 4x24" belt, dust bag.
100-B497E26190 .. **$145.00**
WITHOUT DUST BAG.
100-B496E21000 .. **$115.50**
10 ASSORTED BELTS.
155-B424E980 ..... **$9.75**

(E) Balanced to exert uniform pressure. "Touch control" for quick, easy belt changing. Knob handle can be moved to to from nose for vertical sanding. Belt speed 1500SFPM. Size: 3 x 23¾". Complete with dust bag.
104-449E32000 .. **$185.00**
WITHOUT DUST BAG
104-448E26400 .. **$150.00**

STANLEY

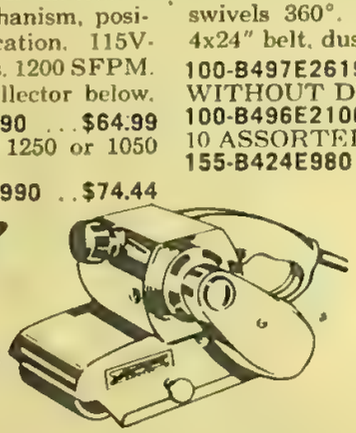
HEAVY DUTY 3" BELT SANDER

INCLUDES 20 ASSORTED 3" x 24" BELTS

The new Stanley heavy duty belt sander is your answer for faster cutting, smoother finishes. The H31 takes all the work out of sanding. Perfect for carpenters, boat builders, fabricators, cabinet makers, sheet metal and body shops, "do-it-yourselfers," and a host of others for making and fitting doors, windows, screens, removing old paint, refinishing furniture, smoothing welds, etc. 110V AC-DC, 8 amp., 1600 SFPM.
100-B31E17900 ..... **$109.50**

MILLERS FALLS TOOLS

3" x 21" BELT SANDER ¾ H.P.



This all-new, all-purpose sander quickly handles any surfacing job from rough sanding to fine finishing—without ripples, ridges or gouges. Includes Ball-Bearing Construction; Non-Slip Timing Belt Drive; Powerful MF-Built Motor; Positive, Finger-tip Belt Tracking Control; Quick, Lever-Action Belt Changer; and Heavy, Four-Position Striking Plate . . . Compact, lightweight design makes it easy to use in any position. 1300 feet per minute, 115 volt AC-DC, 6 amps, 12¼" long, only 11¼ lbs.
108-830E11830 ..... **$84.50**
103-B32E1640 10 Assorted Belts..... **$6.00**

4"x 21¾" BELT

SKIL

4" SKIL SANDER. A production tool throughout—handles all types of sanding work. Powerful ball bearing motor drives belt at 1500 SFPM. Touch lever control for quick belt change. Belt is easily centered even while running. Right side of machine is flush. Belt size 4"x21¾". 115 V, AC-DC, 7 amp motor.
104-405E15400 ..... **$105.00**
155-B421E1050 10 Asst. Belts .. **$6.45**

SANDPAPER BELTS

The 3"x24" belts fit B&D, Mall, Skil, Porter-Cable Stanley and Thor 3" sanders and any other sanders using 3 x 23¾" or 3 x 24" belts. Ten belts per box.

A—Belts for Woodworking
D—Belts for Paint Removal

Number	Type	Grit	Price Box of 10
155-324CCE800	A	2 Coarse	$8.95
155-324CE700	A	1½ Coarse	$8.20
155-324ME640	A	½ Med.	$7.60
155-324FE630	A	2/0 Fine	$7.50
155-324FFE620	A	3/0 Fine	$7.42
155-7865E900	D	2 Coarse	$8.95
155-7867E800	D	1½ Med.	$8.20

DELUXE DUST COLLECTOR

Permits clean healthy belt sanding. Picks up dust from work surface. Attaches to 144 or 244 Black & Decker 3" belt sander only.
101-1044E1190 **$8.95**

MILLERS FALLS TOOLS

POWER WORKSHOP

³/₈" DRILL - SANDER - POLISHER

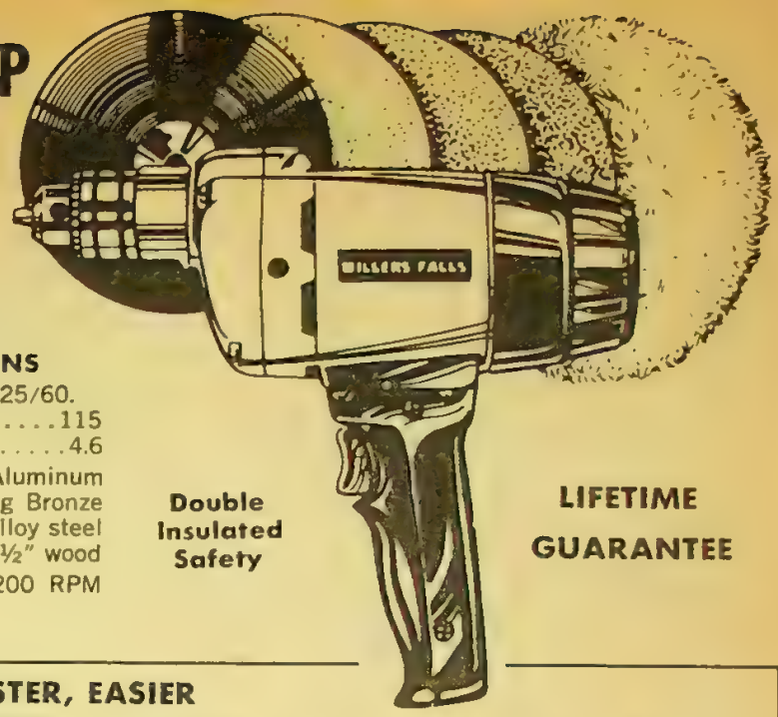
A Complete Power Workshop The Whole Family Can Enjoy Safely

SHOCK-PROOF

BASIC POWER TOOL KIT. A new advance in power tools. Millers Falls has conceived a rugged 4.6 AMP, 3200 RPM power unit that is capable of driving a complete workshop of attachments. 16 power tools in all at far less cost than individually powered tools with comparable power and quality. All attachments are driven direct from the spindle – not through the chuck for smooth, vibration-free operation. The SP880 unit converts drill into a shockproof circular saw, sabre saw, sander, etc. Comes with reversible side handle, 6" rubber backing pad, with locking nut. Three 6" sanding discs, 6" lamb's wool bonnet.
103-8802E6980 ..... $49.95

SPECIFICATIONS

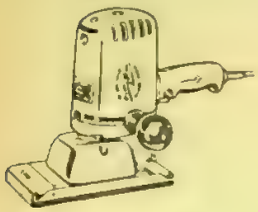
Motor Universal AC/DC, 25/60.
Voltages 115
Amperes 4.6
Housing..Lightweight Aluminum
Bearings Self-Lubricating Bronze
Gears .....Hardened alloy steel
Capacity ...⅜" steel, 1½" wood
No Load Speed ....3200 RPM



Double Insulated Safety

LIFETIME GUARANTEE

HIGH QUALITY ACCESSORIES DO THE JOB FASTER, EASIER

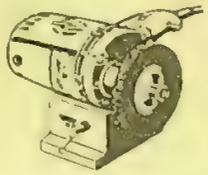


FINISH SANDER
Does super-smooth wet or dry sanding on wood, plastic or metal. Sands smoothly across or with the grain. Shoe 3½" x 7½". Permits use of standard abrasive sheets cut in thirds.
103-882E2490 ... $17.80

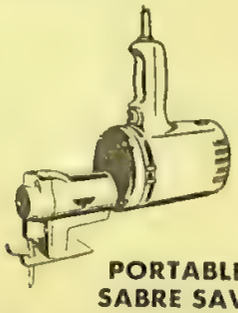
SABRE SAW TABLE
Used with 8806 bench stand to convert 886 portable sabre saw into a table saw, 8 x 8" size.
103-887E320 ...$2.30

HEDGE TRIMMER
self-sharpening sabre teeth will cut twigs and small branches up to ⅜" diameter. Direct driven from spindle for smooth efficient operation. Comfortable molded handle.
103-8821E2090 ...$14.95

SPEED REDUCER
Puts workshop power unit's speed 7 to 1. (3,200 to 460 RPM.) Provides high torque for drilling ½" holes in steel and to drive carbide bits in masonry.
103-8815E1950 ... $14.25

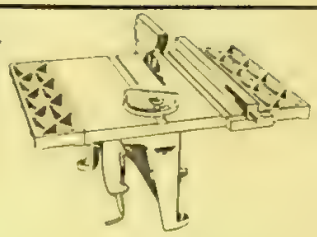


BENCH STAND
Converts workshop into a mounted bench power unit for buffing, polishing. Cast iron base. Uses many attachments.
103-8806E550 ..... $3.95

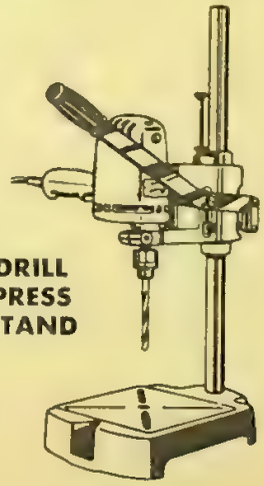


PORTABLE SABRE SAW
Cuts curved or straight lines in wood, plastic or metal. Has a 1¾" capacity, ⅛" in metal. Complete with four assorted blades.
103-886E1750 .. $12.50

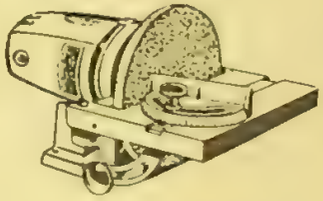
DRILL PRESS VISE
This versatile vise is specially designed for the Drill Press Stand but can also be used with practically any other drill press. Capacity: 3". Width of jaws; 2½". Front jaw has milled slots for gripping round and irregular shaped stock. Equipped with safety rod.
103-8816E1200 $8.99



6¼" BENCH SAW
12¼" x 13" Table. Adjustable depth of cut 0-1¹¹⁄₁₆". With cut-off and mitering gauge, rip fence and 6¼" combination blade.
103-883E4380 .... $31.30
3" x 13" table extensions.
103-884E880 1 pair $6.25
Saw guard.
103-885E410 ..... $2.95



DRILL PRESS STAND
This solid, ruggedly built stand has a 27" column 1¼" in diameter and a heavy 12" x 8" cast iron base with machined 7" x 7" working surface. Powerful feed pressure can be applied, and depth can be closely controlled by adjustable stop. Coil spring return. Clearance, chuck to column: 5⅜".
103-8814E3430 24.50



6" BENCH SANDER
Table measures 5⅜" x 8" with 3¾" in front of disc. The 6" disc is driven directly off the spindle of the unit. Table tilts to 45° and with angle gauge can be set for sanding at compound angles.
103-889E1390 .... $9.95

2" PLANE ATTACHMENT
For fast, accurate planing. Cuts from 0-25° inward and to 45° outward. Depth of cut adjustable 0 to ⅛". Tool steel cutter 2" wide, 1⅛" Diameter, 30° spiral.
103-8818E3150 .. $22.50

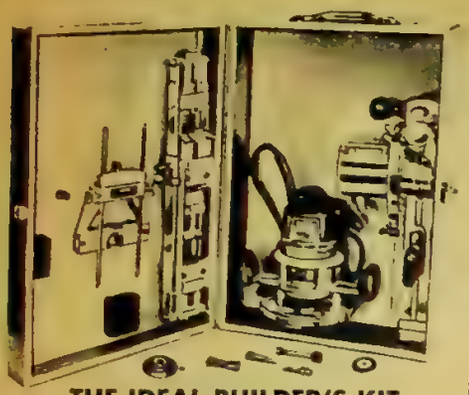
6" CIRCULAR SAW
Cuts 2" lumber with ease. 6 x 10½" steel shoe. Built-in adjustments for angle and depth of cut. Telescoping guard and rip fence.
103-8811E2610 . $18.70

4" BENCH GRINDER
Has a 4" medium grit wheel with ½" face mounted on arbor which screws directly on power unit spindle. Complete with wheel guard and adjustable workrest.
103-8810E1110 .. $7.95

DELUXE POWER KIT

Contains power unit with ⅜" chuck, side handle, rubber pad, sanding disc asst., lambswool bonnet, six power bits ⅜" to 1", metal carrying case plus three attachments: sabre saw, sander, 6" circular saw.
103-8803E16730 ..... $119.95

STANLEY BUILDER'S KITS AND ROUTER ACCESSORIES

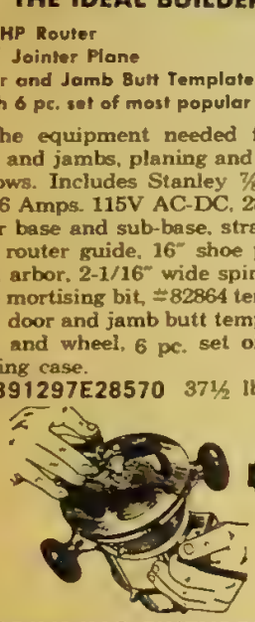


THE IDEAL BUILDER'S KIT

- ⅞ HP Router
- 16" Jointer Plane
- Door and Jamb Butt Template
- With 6 pc. set of most popular router bits

All the equipment needed for mortising doors and jambs, planing and fitting doors, windows. Includes Stanley ⅞ H.P. motor unit, 6 Amps. 115V AC-DC, 28,000 R.P.M., router base and sub-base, straight and circular router guide, 16" shoe plane attachment, arbor, 2-1/16" wide spiral cutter, ½" hinge mortising bit, #82864 template guide, 83001 door and jamb butt templet, grinding arbor and wheel, 6 pc. set of router bits, carrying case.

100-B91297E28570 37½ lbs. . . **$198.56**



STANLEY

GRINDING FIXTURES

For use on all routers to sharpen router bits and shaper cutters. Includes 82803 arbor for 5/16" hole cutters, 83021 grinding wheel for both bits and cutters, 82809 ¼ in. adapter for ¼ in. shank bits.

100-82924E2880 . . . . . **$19.95**

VENEER TRIMMING KIT

Convert your router to a fast, efficient veneer trimmer. Includes all necessary equipment plus a combination straight and bevel trim bit.

For 91015 and R88 routers, use
100-82917E2690 . . . . . **$19.90**

For 91264 and 91267 routers, use
100-82918E2690 . . . . . **$19.90**

STANLEY

STRAIGHT AND CIRCULAR GUIDE

Enables operator to make straight, curved, or angular cuts with ease and accuracy. Attaches to Router Base with two large wing nuts. Fully adjustable—built-in vernier-type adjustment provides the precise measurement required in fine woodwork.

For ¼ HP—91015, ¾ HP—R88 Routers
For ⅞ HP—91264, 1¼ HP—91267 Routers

100-82906E750 . . . . . **$5.20**

100-82907E680 Incl. trammel pt. . . **$4.76**

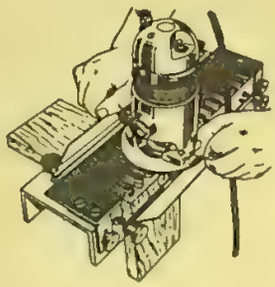
STANLEY

VENEER TRIMMER

- Powerful 3 amp motor
- Flush or bevel trimming
- Cuts finishing time in half
- Metal carrying case

This new Veneer Trimmer assures the finest finishing performance (elimination of fractures). The high-speed motor offers the fastest, more accurate and easiest way to trim hard plastic, veneer and decorative laminates. *Standard Equipment:* 3 amp. 0.3 HP motor, 22,000 RPM. Swivel Base, Trim Guide, 85261 Bit, 93057 case.

100-C262E17500 . . . . **$109.50**



STANLEY

DOVETAIL FIXTURES

Use with high speed routers. Makes each joint simultaneously with precision accuracy for an exact fit. Handles wood 12" wide and 7/16" to 1" thick.

For use with ¾ HP—R88 Router, dovetail Kit includes 82913 dovetail fixture, 82855 template guide and 85133 bit.

100-313E6120 . . . . . **$46.00**

For use with ⅞ HP—91264 or 1¼ HP—91267 Routers dovetail Kit includes 82913 dovetail fixture, 82865 template guide and 85133 bit.

100-314E6120 . . . . . **$46.00**

To dovetail rabbeted drawer fronts simultaneously with sides use 82916 finger template with either of above Kits

100-82916E1780 Template **$12.95**

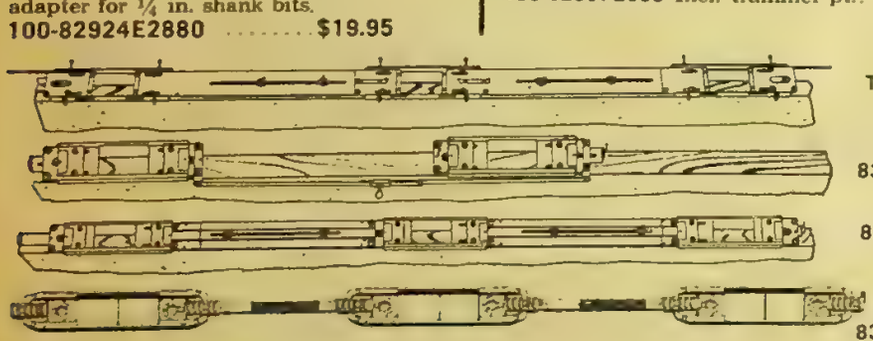
Accessories needed to handle thin wood 12" wide and 5/16" to ⅝" thick:

For ¾ HP—R88 Router use

100-82914E1520	Finger Template	**$10.64**
100-82856E420	Template Guide	**2.94**
100-85132E610	9/32" Dovetail Bit	**4.28**

For ⅞ HP—91264 or 1¼ HP—91267 Router use

100-82914E1520	Finger Template	**$10.64**
100-82866E420	Template Guide	**2.94**
100-85132E610	9/32" Dovetail Bit	**4.28**



DOOR AND JAMB BUTT TEMPLETS

Take the guess work out of door and jamb butt mortising. Hinge sizes, door length, height, width are all right on templet. All templets cut 2 or 3 butts.

Includes templet guides for R88, 91015, 91264, 91267 routers and 85159 hinge butt routing bit.

SPECIFICATIONS

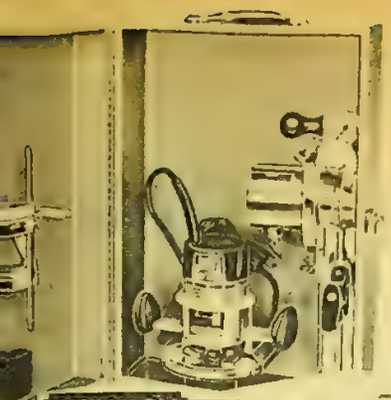
Model No.	Door Length	Door Thickness	Size Hinge	Price
100-K83002E9000	6'6" 6'8" 7'	1⅜", 1¾" 2", 2¼"	2½" to 5½"	$63.00
100-K83000E6800	8'	1⅜" to 2"	3" to 5"	$47.60
100-K83001E4300	7'	1⅜" to 2"	3" to 5"	$30.10
100-KT3E11000	8'	1⅜" to 2½"	3" to 5"	$75.00

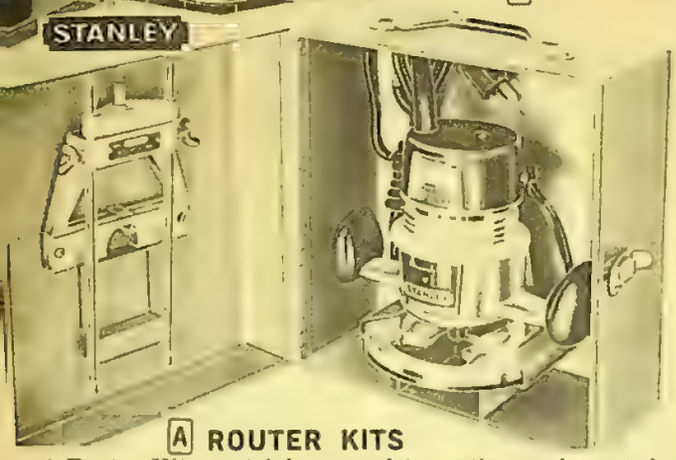
STANLEY

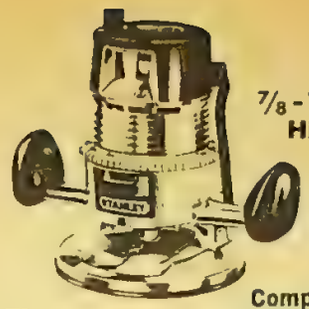
DOOR AND JAMB BUTT TEMPLET KIT

The Simplest, Fastest way to rout doors and jambs for hinges. Predetermined dimensional settings eliminate the need for measuring each door. Standard adjustments are 6' 6"; 6' 8"; 7'. Handles hinges from 2½" to 5½" or fractional sizes. Hangs doors 1⅜, 1¾, 2 and 2¼" thick, complete with metal carrying case, templet guides for R88, 91015, 91264 and 91267 routers, and 85159 hinge butt routing bit.

100K83003E10430 . . . . . **$73.00**

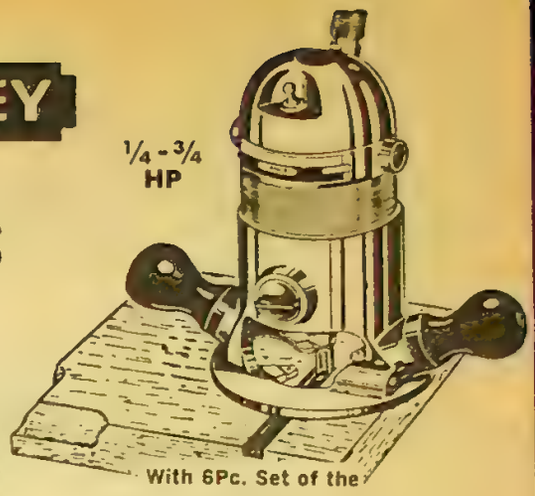






STANLEY

ROUTERS



Complete With Six-Piece Set of The Most Popular Router Bits

With its extra power and speed, this full ball bearing, heavy duty Stanley Industrial Router cuts with almost unbelievable speed and ease, producing finished shapes and surfaces smoother than you can sand. Cantilevered base and exclusive spot light gives clear view of work area at all times. Recessed switch automatically locks shaft for safety when changing bits and cutters —only one wrench needed! Depth settings as fine as 1/4 of 1/64" for true precision accuracy through simple micrometer depth adjustment. Multi-grip handles for comfort, balance and stability. Clamping lever holds or releases motor in router base with flip of the finger. Includes: motor, 1/4" Chuck, Router Base, Router Light, 6 pc. Set of Router Bits. 115 volts AC-DC.

9 Amp 1 1/4" H.P 27 000 RPM.
100-B91267E14390 ..... **$99.95**
6 Amp. 7/8" H P 23 000 RPM.
100-B91264E11900 ..... **76.50**

With 6Pc. Set of the Most Popular Router Bits

This is the most versatile woodworking tool on the market today. There are dozens of basic routing operations. Sealed ball bearings: motor and base of polished aluminum: 1/4" collet type precision chuck: push button locking device secured shaft for rapid changing of bits; micrometer depth adjustment; furnished with: Motor, Router base and wrench, 6 pc. set of router bits. Voltage: 115. AC-DC.

3/4 H.P., 23 000 RPM, 5 Amps.
100-BR88E11450 ..... **$74.50**
1/4 H.P., 27,000 RPM, 2 1/2 Amps.
100-B91015E8000 ..... **49.50**

A ROUTER KITS

net Router Kits containing complete routing equipment de-
ed to save time and increase profits. Their sturdy, metal carry-
cases assure protection and carrying convenience. With 6 pc.
of the most popular router bits.

outer Base	82902	Grinding Wheel	83021
outer Guide	82907	Grinding Wheel	83023
outer Light	82903	Wrench	P-H4009
mplet Guide	82863	Carrying Case	83054

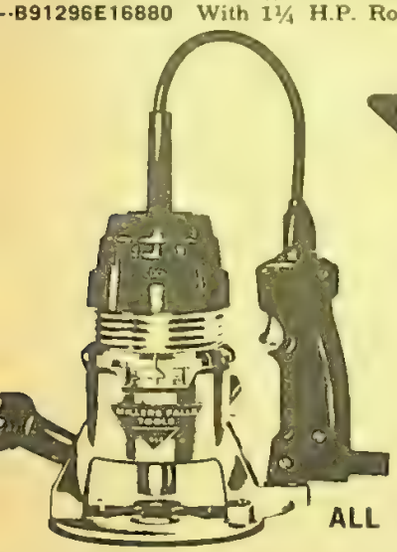
-B91295E15360	With 7/8 H.P. Router.	$105.00
-B91296E16880	With 1 1/4 H.P. Router.	115.50

B One Motor—Two Tools—ROUTER-PLANE KIT

The two power tools that will enable you to do 90% of your woodworking jobs. One interchangeable motor along with attachments for making either a rugged router or a new powerful jointer plane.

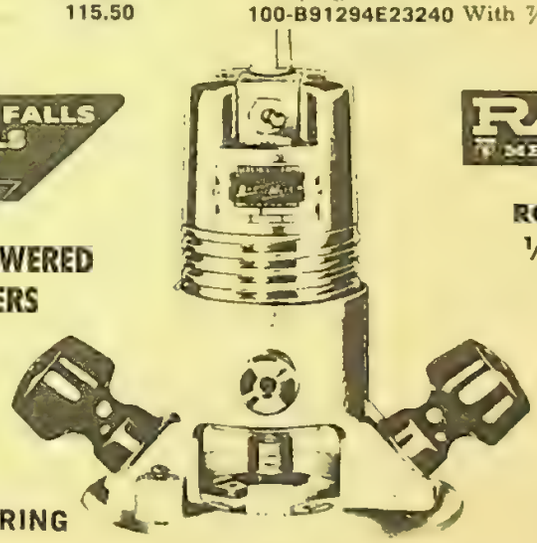
Kit includes: Motor, Router Base, Straight ad Circular Guide, Light, Plane Attachment, Arbor, 6 pc. Set of Router Bits, Plane, Cutter, Carrying Case, Wrench.

100-B91294E23240 With 7/8 H.P. Motor... ...**$149.50**



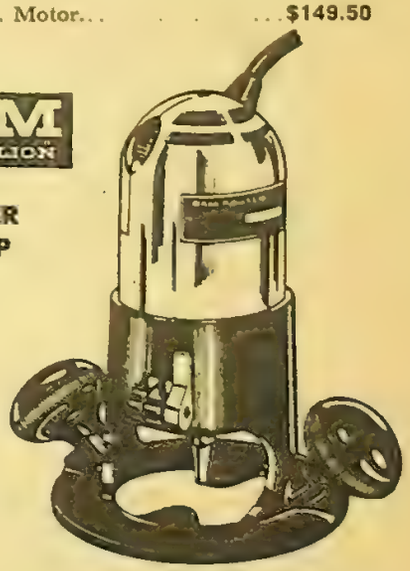
MILLERS FALLS TOOLS

SUPER-POWERED ROUTERS



RAM MEDALLION

ROUTER
1/4 HP



ALL BALL BEARING

l wood-hogs, the new 7/8 and 1 1/4 H.P. lels, powered with cool running, balanced, llated MF-built motors; built to absorb llling continuous punishment. Woodwork-pros report that these rugged tools can out more stock per hour than any com-ble models on the market. Push-button dle locks make bit changing an easy, one-ch job, high-precision depth adjustment ve permits accurate, at-a-glance settings 64ths. Both handles can be turned and set ny position that suits the job and the ator's comfort. Millers Falls exclusive tiime Guarantee.

I..P., 22,000 RPM, 6 Amp. Uses 1/4" Shank

-7800E10700 ..... **$76.50**

H.P., 24 000 RPM, 9 Amp. Uses 1/4, 3/8 1 1/4" Shank bits.

7'900E12950 ..... **$92.50**

• 3 Amp Router • All Ball Bearing • 1/4" Chuck

Packed with plenty of power and loaded with features, this router opens up woodworking at the professional level to everyone! Hundreds of uses—dadoing, rabbeting, fluting, jointing, inlaying, beading, shaping, etc.—and hundreds of projects—cabinet work, shelving, mouldings, counter tops, etc.—are done faster, better —for both homeowners and builders alike! Rugged 3-amp., all ball-bearing 680 Power Unit runs at 30 000 rpm for faster, smoother cuts. Large 681 router base with big, easy-grasp hardwood handles for positive in-use control and accuracy.

103-6800E6650	Router with Base....	$47.50
103-684E748	Straight circular guide	5.35
103-683E524	Trammel Point.....	3.75
103-685E524	Router Sub Base.....	3.75

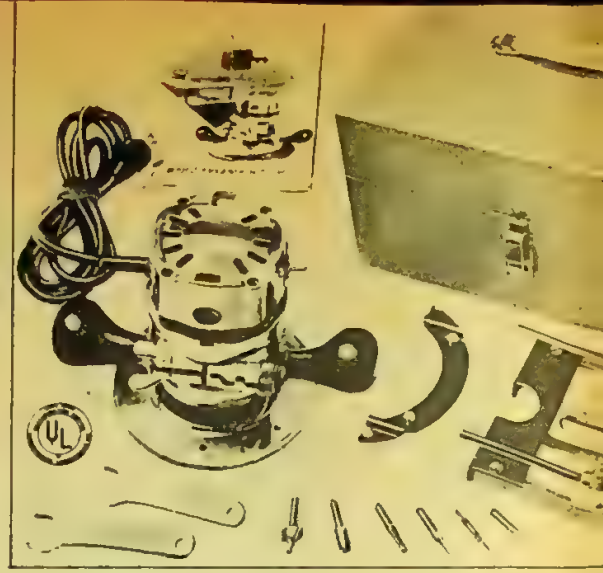
WITH VENEER CUTTING EDGE

The Ram Router, light weight for ease in handling, is designed to provide heavy duty performance for a variety of woodworking jobs: Rout, groove, mortise, dado, rabbet, dovetail and jointing cuts. Ideal for decorative cuts. Threaded base with positive leverlocking depth of cut adjustment. Veneer cutting guide and wrench included. 1/4" chuck uses standard router bits.

Specifications: 1/4 H.P. 115 V., AC-DC Motor; 20,000 RPM cutting speed; 1/4" cutting tool chuck; Veneer cutting guide; Positive leverlocking depth of cut adjustment; Positive action on-off switch; 3 conductor, 6-ft. cord.

109-60E5320 ..... **$49.95**

Famous Black & Decker ROUTERS and ACCESSORIES



ALL NEW Heavy-Duty ROUTER

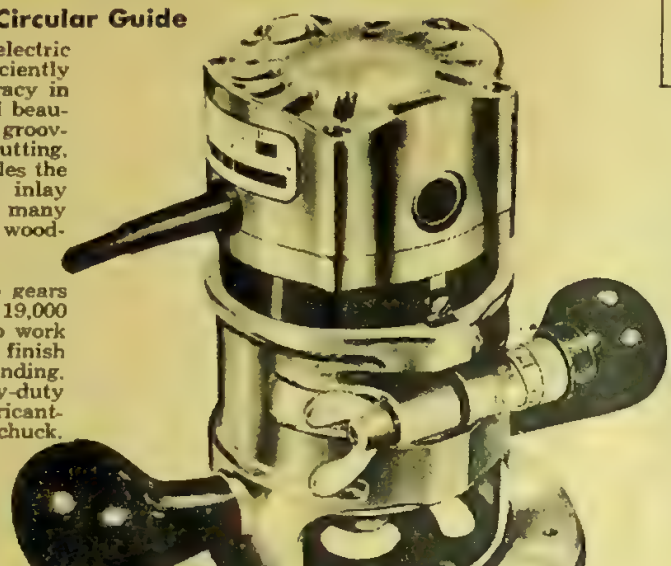
Powered by Special B & D-Built Router Motor

Includes Straight and Circular Guide

The latest development in electric woodworking tools. It is efficiently designed for speed and accuracy in performing finest joinery and beautiful cabinet work—beading, grooving, routing, fluting, cove-cutting, dove tailing, etc. Its use enables the user to rapidly accomplish inlay work, decorative edges, and many types of bas-relief carving and wood-finishing.

Operates by direct drive—no gears are necessary—at speeds up to 19,000 R.P.M. Feeding properly into work leaves an extremely smooth finish that requires little or no sanding. Built-in features include heavy-duty ball bearings, permanently lubricant-sealed; and ¼" collet-type chuck.

Chuck is tightened with two wrenches supplied as standard equipment. Exclusive features make this fine new Router ideal for professional use, enable the amateur to achieve "professional" results.



101-SC365E12590 ¾ HP Router . . . $75.00
101-SC14E13150 1 HP Router. 80.00

Includes ¾ HP Router, 2400 Plane Attachments and 2403 Guide.
101-368E23500 ¾ HP Rout. Plane Kit 144.99

- Spindle Speed: 19,000 R.P.M.
- Rack and Pinion Depth Adjustment Range: 0" to 1" (in 64ths)
- Total Linear Vertical Movement: 1 15/16"
- Chuck Capacity: Up to ¼"
- Overall Height: 6⅝"
- Diameter of Base: 5⅞"
- Diameter of Motor Housing: 3½"
- Diameter of Sub-Base: 6"

COMPLETE BASIC ROUTER KI

Includes Straight and Circular Guide

The most used Attachment and Bits are neatly and veniently packed with the ¾ H.P. Heavy-Duty Rout a sturdy steel Kit Box. Offers excellent portability protection for your Router when "on-the-job" opera are required.

Kit includes: ¾ H.P. Heavy-Duty Router, Attachm (1) No. U-2510 ⅛" Single Flute Bit, (1) No. U-2501 Double Flute Straight Bit, (1) No. U-2503 ¾" Double Straight Bit, (1) U-2521 ¼" Double Flute Roun Over Bit, (1) U-2540 ⅛" Single Flute Veining Bit, No. U-2550 ¼" Double Flute Core Box Bit, (2) Open Wrenches, Sturdy Steel Kit Box, and Router Manua
101SC367E16000 ¾ HP Kit—as above. $1

1 HP Kit, 1 HP Router, straight and circular guide, box. (No bits.)
101-17E15700 . . . . . $

NEW PLANE ATTACHMEN

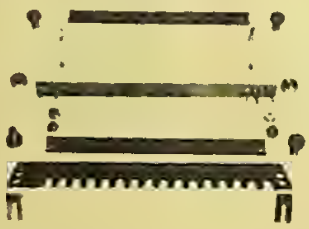
For fast, precise edge-pla Has level operating bal exclusive longer shoe; and mitre adjustments; depth adjustments both cutting and for cutter
Max. Cutting Depth: ¾
Cutter Length: 2 1/16"
Shoe Length, 18 1/16"
Overall width: 7½"
101-2400E7350 . . . . $

Famous Black & Decker Accessories To Increase Router's Versatility

B & D HINGE MORTISING TEMPLATE KIT

Template frame is graduated for 6'6" - 6'8" - 7' doors and is fully adjustable for mortising hinges 2½" to 5½" long.

Contains everything necessary to fully equip B&D Router for production speed in accurately hanging doors, shutters, etc. Includes: Template Guide, Frame Assembly, Corner Chisel, Hinge Mortising and Gaining Bit, Complete Instructions. Packed in steel Kit Box with hinged lid.
101-2402E8800 . . . . . $55.00

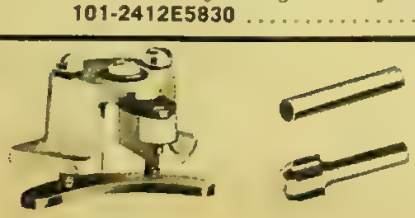


B & D DOVETAIL KIT

Everything necessary to equip Router for making dovetail joints in wood from 7/16" to 1" thick. This attachment is easy to operate and it produces joints that are extremely strong and very accurate.
101-2412E5830 . . . . . $39.50

Bit and Cutter Sharpen

Uses Router to turn out preci ground cutting edges on all B&D and cutters. Grinding wheel is fitt chuck and bit or cutter is locke attachment.
101-2419E2850 . . . . . $



VENEER TRIMMER GUIDE

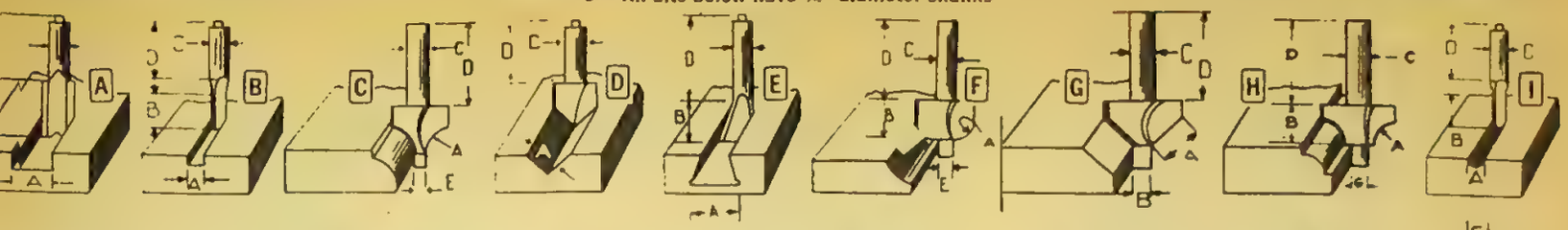
Provides top-precision, veneer trimming with B&D Router. Includes under-guide, Comb. Veneer Trimming Bit, alignment pin.
101-2800E2680 . . . . . $17.50

STRAI & CIRCU GUI

Guides operator in m straight, curved or an cuts. Built-in vernie
101-2403E1080 . . . $

HIGH SPEED STEEL ROUTER BITS WILL FIT ALL ROUTERS LISTED

C— All bits below have ¼" diameter shanks



(A) STRAIGHT BITS—2 Flutes

New No.	Old	A	B	D	Price
22501E270	85096	¼	⅜	1	$2.00
22601E330	85180	¼	1⅛	1 3/16	$2.30
22502E360	85097	5/16	¾	1	$2.70
22503E360	85098	⅜	11/16	1	$2.84
22504E420	85099	7/16	11/16	1	$3.36
22505E480	85100	½	¾	1	$3.90
22507E720	85102	⅝	⅞	1	$5.54
22508E850	85104	¾	⅞	1	$6.16

(B) STRAIGHT BITS—Single Flute

New No.	Old	A	B	D	Price
22510E230	85092	⅛	⅛	1	$2.50
22511E270	85093	3/32	⅛	1	$2.00
22512E270	85094	3/16	7/16	1	$2.20
22513E290	85095	7/32	7/16	1	$2.22

(C) ROUNDING OVER BITS—2 Flutes

New No.	Old	A	D	E	Price
22520E770	85117	1/16	1	3/16	$5.80
22521E770	85118	¼	1	3/16	$5.80
22522E850	85119	5/16	1	3/16	$6.00
22523E850	85120	⅜	⅞	3/16	$6.00
22524E880	85121	½	⅞	3/16	$6.60

(D) "V" GROOVING BITS

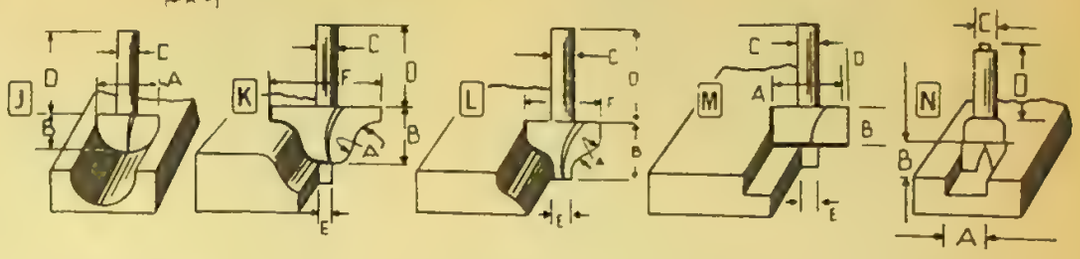
New No.	Old	A	D	Price
25560E700	85089	⅛	1	$5.80
25561E950	85090	⅜	⅞	6.64

(E) DOVETAIL BITS

New No.	Old	A	B	D	Price
25665E570	85132	9/32	⅛	1¼	$4.28
25666E680	85133	9/16	17/32	1 3/32	5.00

(F) COVE BITS—2 Flutes

New No.	Old	A	B	D	E	Price
25570E960	85126	1/16	½	1	3/16	$7.30
25571E970	85127	¼	½	1	3/16	7.36
25572E1100	85128	⅛	¾	⅞	3/16	8.06
25573E1160	85129	½	¾	⅞	3/16	8.60



(G) CHAMFERING BIT—2 Flutes

New No.	Old	A	B	D	Price
2575E960	85131	½	3/16	1	$6.94

(H) BEADING BITS—2 Flutes

New No.	Old	A	B	D	E	Price
2530E790	85122	1/16	3/16	1	3/16	$5.54
2531E820	85123	⅛	⅜	1	3/16	6.26
2532E960	85124	¼	½	1	3/16	7.16
2533E1080	85125	⅜	¾	⅞	3/16	8.06

(I) VEINING BITS—1 Flute

New No.	Old	A	B	D	Price
2540E300	85105	⅛	5/16	1	$2.34
2541E360	85106	3/16	7/16	1	2.84
2542E430	85107	7/32	7/16	1	3.36

(J) CORE BOX BITS—2 Flutes

New No.	Old	A	B	D	Price
2550E290	85108	¼	¼	1	$2.40
2552E400	85110	⅜	¼	1	3.08
2554E460	85112	½	11/32	1	4.00
2556E530	85114	⅝	⅜	1	4.24
2558E800	85116	¾	13/32	1	6.30

(K) ROMAN OGEE BITS

New No.	Old	A	B	D	E	F	Price
2580E960	85161	5/32	½	1	3/16	11/32	$6.38
2581E1350	85162	¼	¼	⅞	3/16	1 3/16	9.74

(L) OGEE BITS

New No.	Old	A	B	D	E	F	Price
2585E1260	85163	3/16	⅜	1	3/16	13/16	$ 9.00
2586E1540	85164	5/32	23/32	⅞	3/16	1 3/16	11.56

(M) RABBETING BITS—1" Length

New No.	Old	A	B	Width Rabbet	E	Price
2577E1070	85150	11/16	3/16	¼	3/16	$8.30
2578E1060	85151	15/16	½	⅜	3/16	8.12

(N) HINGE MORTISING AND GAINING BIT

New No.	Old	A	B	D	Price
2590E590	85159	½	⅞	1⅛	$4.30

6 Pc. High Speed Bit Assortment Kit

Includes one of each popular sized bits ¼" and ⅜" two flute straight, ⅛" single flute, ¼" rounding over, ⅛" reining and ¼" core box bits.

101-2500E1950 ..... $16.68

CARBIDE TIPPED BITS

Are Ideal for cutting laminates, plastics and plywoods by having up to 25 times the life of high-speed steel cutting tools. They have the advantages of better finishes, too.

STRAIGHT BITS—Two Flutes

New No.	Old	A	B	D	Price
2801E1450	85221	¼	⅝	1	$10.50
2806E1400	85250	¼	⅞	1 3/16	11.30
2802E1740	85224	5/16	⅞	1	13.20
2803E1830	85225	⅜	⅞	1	14.00
85227E2000	T216	½	¾	1	14.00
85232E2400	T224	¼	⅝	1	16.80

ROUNDING OVER BITS—Two Flutes

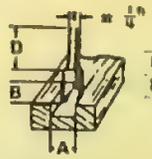
New No.	Old	A	D	E	Price
85234E2840	T512	⅜	1	3/16	$19.94
85235E3400	T516	½	1	3/16	23.80

RABBETING BITS— 1" Shank Length—¼" Diam.

New No.	Old	A	B	D	Width Rabbet	E	Price
85247E2000	T1708	11/16	7/16	1	¼	3/16	$14.00

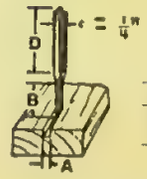
DOVETAIL BITS

New No.	Old	A	B	D	Price
85240E1750	T1018	33/64	17/32	1 3/32	$12.30



BITS FOR SURFACING

New No.	Old	A	B	D	Price
85249E1300	T2016	½	9/32	1/32	$9.10



LONG SHANK STRAIGHT BITS Single Flute

New No.	Old	A	B	D	Price
85259E2770	TC1806	1/16	⅛	1 3/16	$19.40
85260E3370	TC1808	¼	⅛	1 3/16	23.58

¼" arbor hole
½" slot depth

CARBIDE SLOTTED CUTTERS USE WITH 82808 ARBOR

New No.	Old No.	Slot Width	Price
85506E1570	TH5302	1/16"	$11.00
85507E1610	TH5302	3/64"	11.30
85508E1610	TH5303	3/32"	11.30

VENEER TRIMMER (Complete Unit)
Bevel ..... 22°
Shank ..... ¼"
Arbor ..... ¼"
82920E2640(GAH259) $18.48

CARBIDE CUTTER
⅜" Dia. TH 3900 Flush Trim
Use with bearing—20524
¼" Arbor Hole
85509E1830 $12.84

CARBIDE BEVEL CUTTERS
¼" Arbor Hole
Use with bearing—82921
85511EE2000 22° $14.00
85512EE2270 45° $12.84

CARBIDE COMBINATION PANEL BIT
1 flute ⅜" Cutting Edge, ¼" Cut, ¼" Shank (TH1508)
85244E1090 $7.62

VENEER TRIMMER ARBORS
¼" shank, ¼" arbor
(Use with slotting cutters)
82808E720(GAH260) .. $5.04

CARBIDE TRIMMING SAWS

	Dia.	Depth Cut	Price
92834E900	1⅝"	⅜"	$ 6.30
82800E2080	¾"	5/32"	14.56

SILICONE CARBIDE HONE

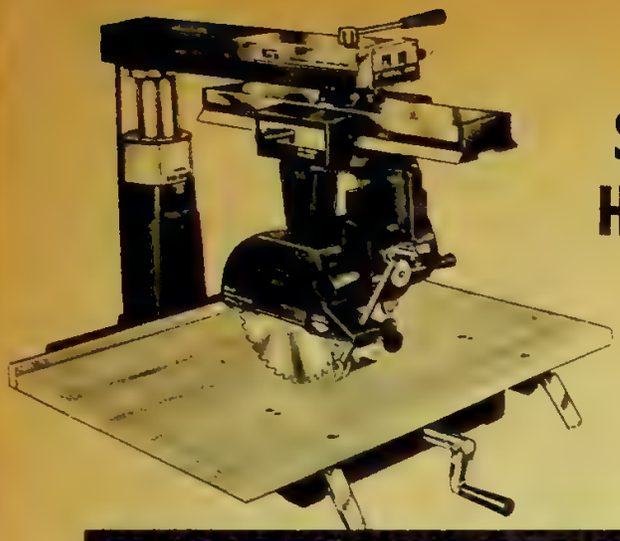
For honing carbide tipped and high-speed steel bits and cutters.
82925E140 $1.00

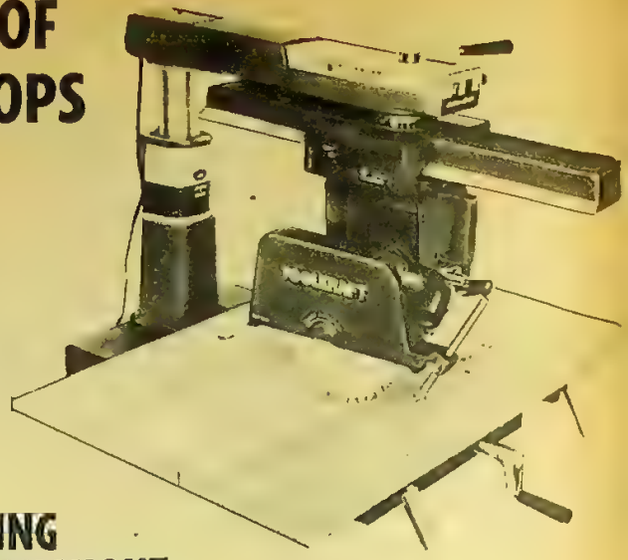
BALL BEARING Oversize Assembly

Use with bevel cutters. ¼" arbor hole.
20524E540 ⅜" diam. $3.76
82921E720 13/16" diam. 5.05

CARBIDE
Combination straight and bevel trim bit. ¼" Shank. Combines 22° bevel trim and flush cuts in one bit.
85261E1200 ..... $8.40

TOOLKRAFT SERVES 1000'S OF HOME WORKSHOPS





PROFESSIONAL WOOD WORKERS

BALL BEARING THROUGHOUT

TOOLKRAFT 10" RADIAL ARM SAW

- Advanced Concept in Design—Cuts at Any Angle
- Revolutionary 2-Piece Overarm Rotates a Full 360° Over the Table . . . Center Pivot Keeps Saw on Table for all Cuts
- "Front and Center," Positioned Elevating Handle for Convenience and Safety. No Leaning Over Blade
- Lifetime Geared—All-Over Ball Bearing Construction
- Performs the Maximum in Safety, Performance, Versatility

1⅛ H.P. motor develops 2¼ H.P. for heaviest operations. Crosscuts, rips, mitres, bevels, dados, shapes, drills, planes, sands, buffs, routs, joints and grinds. All operations are performed with utmost safety because the blade is always suspended over the work area. Guide lines and blade are visible at all times. Push-button starting and stopping are in easy reach. Safety lock pin prevents accidental switch-on. 3⅝" depth of cut, rip-cut to the center of 58½" board Cross cut capacity, 18". 10" blade size, speed 4,200 RPM. ⅝" arbor. Blade stops instantly when pressure is applied to mechanical brake. Built-in safety clutch prevents burn-out, over-loading. Features include: simple table locking levers, warp resistant laminated Basswood table. All table squaring adjustments are made from top of table. Table size 24½" x 32". Voltage 115/230.

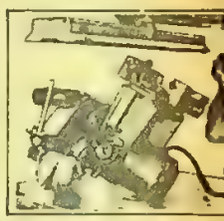
116-1000E39500 200 lbs. **$269.95**
116-STD1000E3490 Stand for above saw..... **$ 24.95**

LONG ARM RADIAL SAW

Same as model 1000 above, except rip capacity to center of 69" board, cross cut capacity 27½".
116-1000LAE44000 ..... **$299.95**

12" Massive Radial Arm Saw Develops 3 Horse Power

- Industrially Rated
- Tension Set—No Motor Burnout
- Recessed Motor Switch—No Accidental Starts
- Mechanical Brake—No Coasting!



New commercially rated 12" radial arm saw is equipped with a 1½" H.P. motor that develops more than 3 H.P. Unit cross-cuts 24". 4'x8' plywood panels are cross-cut to center in just two passes. 12" blade slices through wood 4⅝" thick. Depth of cut with 10" blade—3⅝". Rip capacity to center of 69" panel. Exclusive features include: Slip clutch that prevents blade jam, motor burn-out. Mechanical brake built into blade guard stops blade instantly. Detachable motor is easily disconnected motor switch can be reached from both sides of machine. Mitre index ing can be set to 0°-45°-90°. 24½x32" table size. Entire machine ca be readily transported by lengths of rope into pre-punched holes i saw base. Comes with 10" chrome blade, blade guard, anti-kickbac pawls, heavy duty steel stand, cord, plug, switch. 4,200 RPM, ⅝' arbor. Dual-voltage motor. 110-220 Volts.
116-1012E55000 275 lbs. **$369.9**

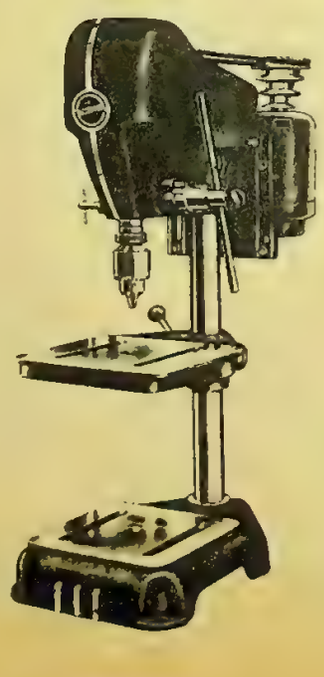
precision-built **Sprunger**

16½" RADIAL ARM DRILL PRESS

- *2¼" Column Diameter*
- *Vertical or Horizontal Drilling*
- *Extra Heavy Cast Iron Base Provides Sturdy Mounting and Smooth Operation*
- *Drills Wood, Aluminum, Brass, Iron, Steel, Plastics*
- *Precision Angle Drilling Head Tilts 45°*
- *Heavy Duty Safety Chuck*
- *4 Ball Bearings*

A versatile radial arm drill press with built-in rugged features that is quality engineered for both professional home craftsmen and light industrial use. Horizontal arm diameter 2¼". Base size 15"x20". 9"x9" precision ground table adjusts through 360°. Six spline floating spindle drive, ½" chuck capacity. Nine speeds with 1725 RPM motor from 600 to 5200 RPM. Four step. 5" pulley included. 23" base to chuck, 18½" table to chuck. 4⅛" spindle travel. Height 42", length 39". Recommended motor ½ HP—1725 RPM. 105 lbs.
115-RD33E19900 ..... **$134.95**

TOOLKRAFT



12" AND 15" DRILL PRESS BALL BEARING MODELS

- Bores to Center at a 12" Circle
- Precision ground steel six spline spindle
- Equipped with ½" Jacobs Chuck
- Versatile with 10 Full Power Speeds

This spectacular drill features 4 Oilit and 1 thrust ball bearing to assure smoot performance. 1⅝" diameter column giv rigid support. Comes with 4 step pulle V-belt. Recommended 1/3 HP 1725 RP motor. 12½" from base to chuck.
116-350E11800 ..... **$84.9**

SPRUNGER 15" DRILL PRESS

TABLE MODEL

All ball bearing, drills to center of 15 circle, 9"x9" table, 2½" column, 4⅛ spindle travel. Jacobs chuck, ¼".

18¼" base to chuck. 100 lbs. Recom mended ½ HP 1725 RPM motor.
115-NDP15E16870 ..... **$112.5**
FLOOR MODEL—Same as table mod except 46¼" base to chuck. 112 lbs.
115NDP150E18360 ..... **$122.5**

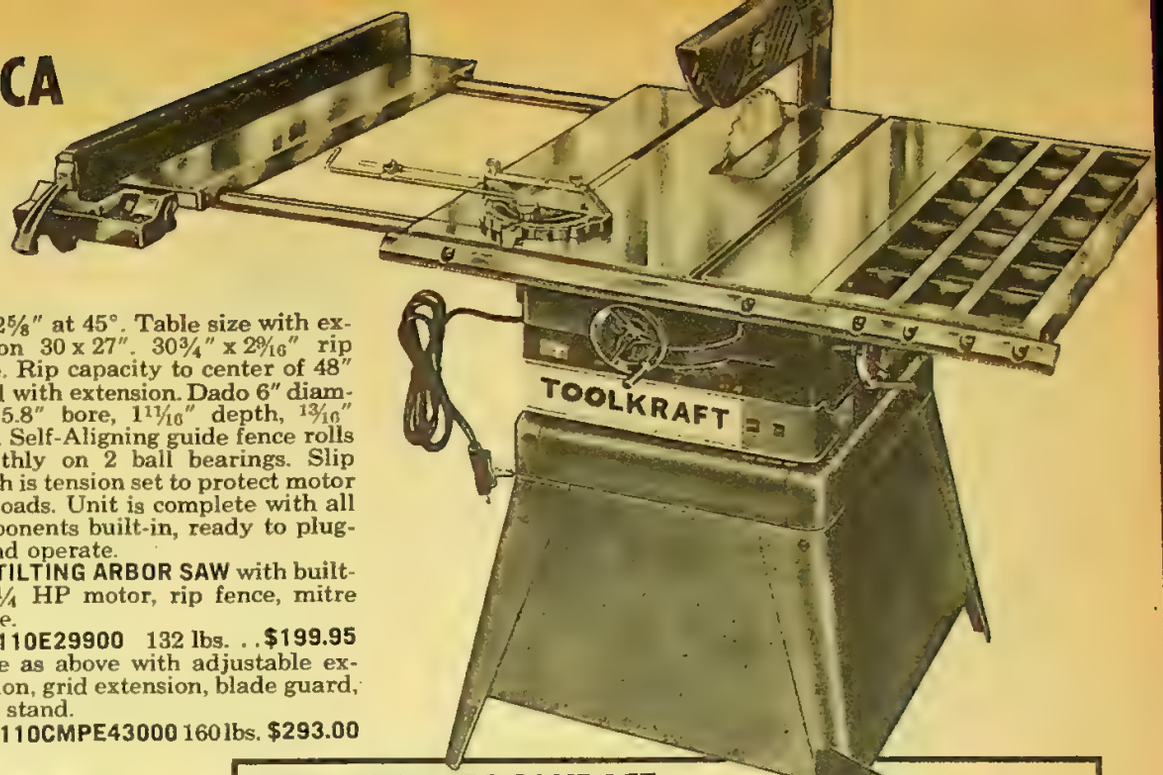
THROUGHOUT AMERICA

10" TILTING ARBOR SAW
SEALED BALL BEARING
DEVELOPS 2½ HP

- Runs on a Powerful Built-In 1¼ HP Motor
- Tension Set Slip Clutch Goes Into Action in Overloaded Condition
- Motor Won't Burn Out
- Double Set of Sealed Ball Bearings
- Self-aligning, Ball Bearing Rip Fence

The unique drive design of this saw actually delivers up to 2½ HP of torque power at the blade. With accessory extensions it is easy to set the guide fence to cut to the center off a 4'x8" plywood. The chrome-plated table is 20x27" with a distance of 16⅝" in front of blade. Has a ⅝" blade shaft in double set of ball bearings. Depth of cut 3⅝" at 90°, 2⅝" at 45°. Table size with extension 30 x 27". 30¾" x 2⁹⁄₁₆" rip fence. Rip capacity to center of 48" panel with extension. Dado 6" diameter 5.8" bore, 1¹¹⁄₁₆" depth, ¹³⁄₁₆" wide. Self-Aligning guide fence rolls smoothly on 2 ball bearings. Slip clutch is tension set to protect motor overloads. Unit is complete with all components built-in, ready to plug-in and operate.

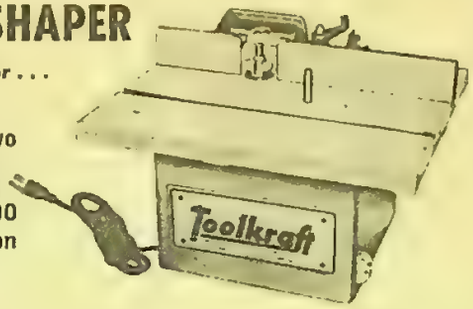
10" TILTING ARBOR SAW with built-in 1¼ HP motor, rip fence, mitre gauge.
116-110E29900 132 lbs. . . **$199.95**
Same as above with adjustable extension, grid extension, blade guard, steel stand.
116-110CMPE43000 160 lbs. **$293.00**



HIGH SPEED SHAPER

1 H.P. Ball Bearing Motor . . . Plug In and Operate

- Powerful Motor has Two Sealed Ball Bearings
- Delivers 18,000 RPM Won't Go Below 14,000
- Five Year Guarantee on Parts, Materials
- Ideal for Home Shop



Shaper gives sanded smooth cuts in one pass. Cutting height 3" under nut, spindle diameter ½". Table size 18x15¼", fence adjustable to ¾". ⅝" mitre gauge slot. Complete with motor.
116-250E13900 56 lbs. **$99.95**
Same as above with indexing mitre gauge, hold-down spring, floor stand.
116-250CMPE20100 . . . . . **$140.35**

STURDY, ACCURATE 9½" BAND SAW

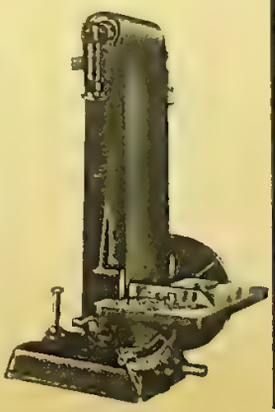
- Safe, Easy, Adjustable Blade Guide
- Durable Rigid One-Piece Blade Guard
- Recommended ¼ H.P. Motor, 1725 RPM

This dependable 9½" Band saw is loaded with high quality features. It cuts to center of 18" circle. Cuts wood 4½" thick. Balanced wheel rides on ball bearing. Cast iron table 11x10" tilts to 45° on graduated trunnion. Blade guides above and below table. Blade 60" long, 4" pulley.
116-500E11100 50 lbs. **$79.95**

BELT-DISC SANDER

- Five Bronze Ball Bearings
- 9" Disc, 6x48" Long Belt
- Recommended ½ H.P. Motor, 1725 RPM

Does a professional job on wood, metal or plastics. Sands curves, angles, edges or flat surfaces. 6x48" Belt operates horizontally or vertically. 6¼x12" Table tilts to 45° on graduated scale. Table can be used with either belt or 9" disc. Graduated mitre gauge. Belt tension and alignment easily adjustable. Size of drums 3x6⅛".
116-335E11800 **$84.95**



NEW FROM TOOLKRAFT CHROME PLATED TABLE

BALL BEARING SAWS

Heavy Duty Construction

CHOICE OF 2 TILT ARBOR SAWS WITH BUILT-IN MOTORS

8" TILT ARBOR SAW

⅝" Arbor tilts to 45°. Table size 14x17¼", with accessory extensions 28 x 17¼". Cuts stock 2½". Built in ¾ HP continuous duty motor. Complete with indexing mitre gauge and self-aligning rip fence, locks front and rear.
116-88E17400 58 lbs. **$124.95**

Complete Kit — Including 8" saw above with motor, 2 extensions, floor stand, mitre gauge, rip fence. 83 lbs.
116-88KE23000 . . . . **$161.85**

9" TILT ARBOR SAW

⅝" Arbor tilts to 45°. Table size 16x20", with accessory extensions 34x20". Cuts stock 3⅛". Built-in 1 HP continuous duty motor. Complete with indexing mitre gauge and self-aligning rip fence, locks front and rear.
116-90E23000 71 lbs. **$164.95**

Complete Kit—Includes 9" saw above with motor, 2 extensions, floor stand, mitre gauge, rip fence. 110 lbs.
116-90KE29000 . . . . **$204.85**

TOOKRAFT 12" GAP BED WOODTURNING LATHE

- All Cast Iron Construction
- Precision-built For Smooth Ripple-free Work

Ground steel head and tailstock spindles are permanently aligned for accuracy. No. 1 Morse taper centers and threaded spindle permit inboard and outboard turning. Indexing mechanism for laying out circular work. Swing over gap is 12", over bed 10". Overall length: 54", distance between centers: 37", size of spindle: ¾"-16". SKF ball bearings. 59" belt. four speeds 700 to 4250.

116-390E14900 85 lbs. $99.95

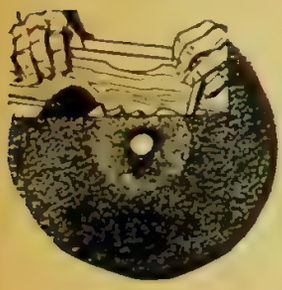
With ¼ hp motor, 1725 RPM, cord, plug, switch, No. STD-3 stand.
116-390CMPE24400 $158.75

DYNAMIC 6" LONG BED JOINTER

- Lubricated Grease Sealed Ball Bearings
- Large 43-9/16" Table
- Chrome Plated Table
- Capacity: 6" width—½" Depth ½" Rabbet Depth

Parallel motion movement of cutter head and infeed table prevents gouging, splintering and chipping. Built-in ¾ HP motor, 3450 RPM. Front and rear tables are 9" wide with 3" rabbeting ledge. Fence guide 33½" long—4¾" high—tilts in both directions. Springloaded index pin locks at 45°-0°-45°. Blade safety guard easily removed for rabbeting. 2¾" diameter cutter head x 6" long with 3 high speed knives.

116-680E32000 155 lbs. $214.95
116-STD650E6800 Wood and steel stand. 50 lbs. ..... $ 44.95



TUNSTEN CARBIDE 5-IN-1 WHEEL

It Planes, Saws, Ploughs, Sands and Dados.
Converts a Power Saw to Most Versatile Tool in the Shop.

Cut and sand in the same operation. There are no teeth to drag or snap and dangerous "kick-back" is eliminated. Wheel makes the perfect accessory for table, radial and saw use. 80 grit on one side, 36 on edge, 36 on other side. Never needs sharpening—lasts for years. ⅝" or ½" bore.

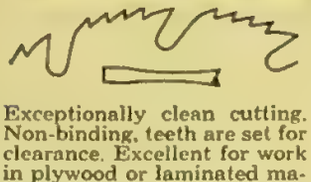
209-800E740 8" Fully covered with tungsten carbide $5.98
6½" WHEEL RIM Covered ¾" down.
209-810E480 ..... $4.98

SIMONDS SAW AND STEEL CO.

MADE FROM FINEST ALLO STEELS AVAILABLE

Skilled workmanship and a special hardening and tempering process make these Simonds blades so outstanding in service and quality. Precision Hone sharpened to a razor edge. Properly tensioned to give long edge holding qualities. 6, 6½, 7, 8 and 9" blades in ⅝" or ½" bore. 10" blades with ⅝" or ¾" bore.

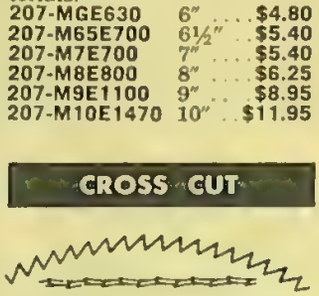
HOLLOW GROUND MITRE OR PLANER



Exceptionally clean cutting. Non-binding, teeth are set for clearance. Excellent for work in plywood or laminated materials.

207-MGE630	6"	$4.80
207-M65E700	6½"	$5.40
207-M7E700	7"	$5.40
207-M8E800	8"	$6.25
207-M9E1100	9"	$8.95
207-M10E1470	10"	$11.95

CROSS CUT



Flat-ground with proper tooth pitch and filling for best cross cutting. Tensioned for high speeds, will not grab.

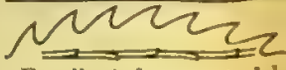
207-CC6E370	6"	$2.75
207-CC65E410	6½"	$3.10
207-CC7E410	7"	$3.10
207-CC8E460	8"	$3.50
207-CC9E550	9"	$4.10
207-CC10E610	10"	$4.75

LONG LIFE RIP BLADE

Hook line and gullet design means faster ripping. Longer life minimum power requirements.

207-R6E370	6"	$2.75
207-R65E410	6½"	$3.10
207-R7E410	7"	$3.10
207-R8E460	8"	$3.50
207-R9E550	9"	$4.10
207-R10E610	10"	$4.75

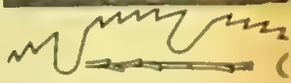
60 COMBINATION



Excellent for portabl saws. Like a rip saw b cross cuts as well. For m chanics who need a versa tile blade for all types c cutting.

207-606E370	6"	$2.7
207-6065E410	6½"	$3.1
207-607E410	7"	$3.1
207-608E460	8"	$3.5

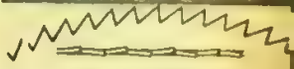
54 COMBINATION



General combination design for rip and crosscut in s woods and for general c pentry. Also used on ben machines.

207-546E370	6"	$2
207-547E410	7"	$3
207-548E460	8"	$3
207-549E550	9"	$4
207-5410E610	10"	$4

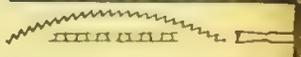
FLOORING



For work where nails may found, such as old floori crates, boxes.

207-FB65E410	6½"	$3
207-FB7E410	7"	$3
207-FB8E460	8"	$3

PLYWOOD COMBINATION



Taper ground for smooth c in plywood, celotex or board.

207-PC6E800	6½"	$6
207-PC7E850	7"	$6
207-PC8E900	8"	$6

ABRASIVE CUT-OFF WHEELS

Top quality, general purpose cut-off wheels. Made of practically unbreakable reinforced resinoid.

ALUMINUM OXIDE ABRASIVE DISCS

For ferrous metals, iron, steel.

210-M63EE390	6½"	$3.40
210-M73E420	7"	$3.90
210-M83E480	8"	$4.50

SILICON CARBIDE ABRASIVE DISCS

For masonry, brick; roofing, structural tiles, terra cotta, marble, plastics as well as non-ferrous metals and soft non-ferrous metals. Such as aluminum, bronze or brass.

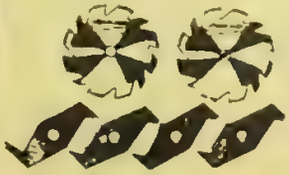
210-X63E390	6½"	$3.40
210-X73E420	7"	$3.80
210-X83E480	8"	$4.50

State ½, ⅝ or Diamond bore.

"DISPOSABLE" SAWBLAD

Blue star tough, heavy-gauge steel. Hand-filed, ground and polished. Costs little more than sharpening dull blades.

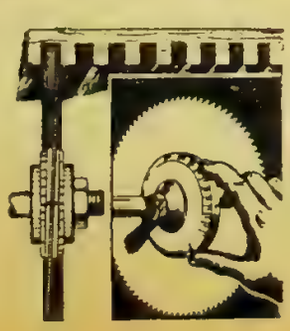
153-L65E200	6½-⅝"x½	$1
153-L70E220	7⅝"x½	$1
153-L80E240	8⅝"x½	$1



DISSTON DADO HEAD

Cuts to 13/16", has 2, ⅛" outer saws, 5 ch pers 1/16, ⅛, ⅛, ⅛, ⅛. Designed to g clean flat bottom grooves with or aga the grain. ½" or ⅝" bore.

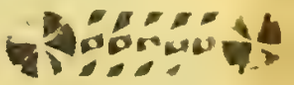
201-36E2660	6" diameter	$15
201-38E4000	8" diameter	$28



WARREN DADO WASHERS

Makes 40 different widths at any angle. Converts circular saw to a versatile tool. Uses regular blade—makes smooth, clean dados. Supplied with ½x⅝" bushing.

208-106E660 ..... $4.95



6" ARCO DADO SET

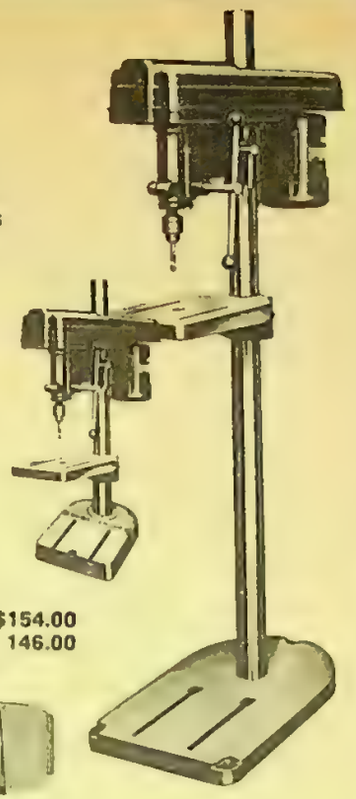
Precision ground, tempe hardened carbon alloy steel. F 2, ⅛" outside cutters. 5 ins chippers. 1/16, ⅛, ⅛, ⅛, ⅛. ⅝" bore.

153-269E1020 ..... $7

BOICE-CRANE

15" DRILL PRESSES

- Four spindle speeds 480 to 4350
- Fully guarded spindle drive pulley, two-way tensioner. Easy belt shifts
- Precision line boring for greater precision at the chuck
- Ball bearing mounted floating spindle. Quill rides fitted guides to take side thrust
- Positive locking at quill, head and table



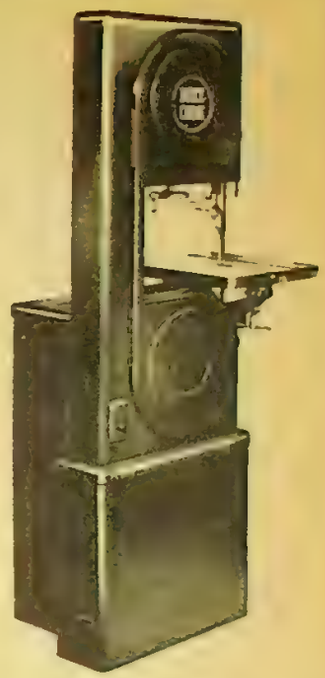
SPECIFICATIONS

Capacity	½"
Drills to center	15"
Quill diameter	1⅞"
Spindle travel	5"
Spindle speeds	480, 1340, 2400, 4350
Column diameter	2¾"
Table, standard	10"x11"
Spindle to base, floor	47½"
Spindle to base, bench	18"
Power recommended	½ hp

117-2761E26200	Floor Model, 150 lbs.	$154.00
117-2762E24800	Bench Model, 134 lbs.	146.00

1, 4 and 8-SPEED 14" BAND SAWS

- Cuts, files and grinds
- Rigid, welded steel frame
- Powerful V-belt and gear box drive
- Exclusive file and blade guides Unique band tensioning
- Faster, heavier, smoother finishes
- Speed ranges from 92 to 4100 bfm



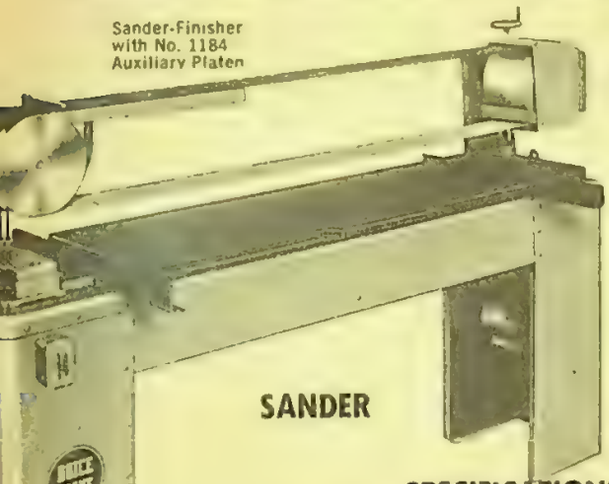
Band Saw, Deluxe Floor Model. Standard equipment includes Enclosed Steel Cabinet Base with built-in Belt Guard and Dust Chute, ⅜" wood Blade, Belt, Motor Pulley, without motor and switch.

SPECIFICATIONS

Throat depth	13½"
Capacity under guide	7¾"
Table	15"x15½"
Table, hgt. from floor	39¼"
Table tilt	45° right, 10° left
Blade widths	3/16, ¼, ⅜, ½, ¾"
Blade length	98"
File widths	¼", ⅜", ½"
File length	99"
Size, over-all-Floor models	68" high, 25½" wide, 27½" deep
Power recommended:	
1, 4-speed models	½ hp
8-speed models	¾ hp
Shipping Weight, less motor	400 lbs.

1 SPEED MODELS	For cutting wood, paper and cloth.	
117-2310E58900	Basic machine	$346.00
117-2251E71000	With ½ H.P. motor	$415.00
4 SPEED MODELS	For cutting plastics and non-ferrous metals.	
117-2349E62400	Basic machine	$367.00
117-2257E74700	With ½ H.P. motor	$436.00
8 SPEED MODELS	For cutting, grinding and filing hard metals.	
117-2309E87000	Basic machine	$493.00
117-2236E99990	With ¾ H.P. motor	$375.00

Sander-Finisher with No. 1184 Auxiliary Platen



60" & 84" BELT-STROKE SANDER-FINISHER

SANDER

SPECIFICATIONS

	60"	84"
Drums: 9⅝" Dia., 6¾" Wide	Turned Aluminum	Turned Aluminum
Abrasive belt, width	6"	6"
Vertical drum adjustment	0-4"	0-4"
Work table travel	11½"	21½"
Work table size	18"x60"	28"x84"
Work capacity: Length	60"	84"
Width	29"	48"
Capacity, max., under belt	4"	4"
Power, recommended	1-2 hp	1-2 hp
Speeds	3000 sfm	3000 sfm
Height, overall	53"	53"
Length, overall	80¾"	104¾"
Width, overall	30"	49"
Height, table to floor	38"	38"

- For high speed sanding, metal finishing
- Handles stock up to 4" thick under the belt
- Controlled "stroke" finishing. Speeds to 208,000 sq. in. of working abrasive per minute
- High production tool for large flats and multiple parts setups
- Doubles as a drum sander

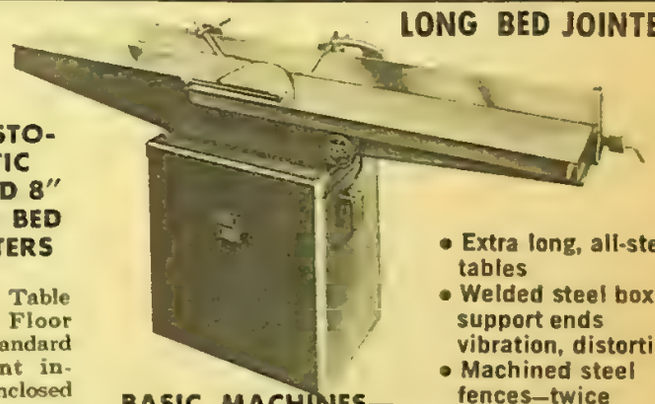
BASIC MACHINE

Hi-Speed 4000 SFM with Turned Aluminum Drums. 60" Belt Stroke Sander-Finisher, Floor Model. Standard equipment includes Drums, Table, Rails, Abrasive Belt, Stoker, Belts, Pulley and Belt Guard, without motor and switch.

60" machine 400 lbs.
117-1189E71000 ..... $417.00
With 1½ H.P. motor
117-11951E95000 ..... 559.50
84" machine 525 lbs.
117-1146E81500 ..... 480.00
With 1½ H.P. motor
117-11551E105700 .... 622.50

Auxiliary platen—adds versatility without interfering with normal operation. 6¾"x21".
117-1184E4160 ..... $24.50

LONG BED JOINTER



ADJUSTO-MATIC 6" AND 8" LONG BED JOINTERS

6", Long Table Jointer, Floor Model. Standard equipment includes Enclosed Steel Cabinet Base with Chip Chute, Adjustomatic Cutterhead, 4 Knives, Safety Guard, Knife Setting Bar and Wrench, Motor Pulley, Belt Guard, and Belt, without motor and switch.

BASIC MACHINES—BELT DRIVE

- Extra long, all-steel tables
- Welded steel box support ends vibration, distortion
- Machined steel fences—twice as long as other makes
- Full support rabbeting arm—infeed table length!
- Large 4-blade cutterhead
- Adjustomatic Control—new precision in cutterhead adjustments

SPECIFICATIONS

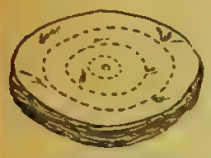
	6" Jointer	8" Jointer
Table size	6"x60"	8"x84"
Cutterhead diameter	3¼"	3¼"
Cutting circle diameter	3⅜"	3⅜"
Cutterhead speed, V-belt drive	4500 rpm	4500 rpm
Cut, maximum depth	⅝"	⅝"
Rabbet cut, maximum depth	9/16"	9/16"
Fence, infeed length	30"	42"
Fence, outfeed length	18"	24"
Fence, overall	4"x48"	4"x66"
Fence tilt	45° - 135°	45° - 135°
Table height, with base	36"	36"
Power recommended—V-belt drive	1 hp	1½ hp
Weight, shipping, with motor	500 lbs.	600 lbs.

117-2460E61600	6"x60" Jointer	$363.35
117-2463E78000	With 1 H.P. motor	$457.85
117-3460E80700	8"x84" Jointer	$475.00
117-3463E99400	With 1½ H.P. motor	$585.00

WIRE WHEEL BRUSHES

Rigidly and compactly made with more wire per sq. inch of brush surface than the average wheel. All have ½" bore.

152-93CE160	3" Coarse	$1.00
152-93FE170	3" Fine	$1.00
152-94CE180	4" Coarse	$1.00
152-94FE200	4" Fine	$1.20
152-96CE240	6" Coarse	$1.40
152-96FE290	6" Fine	$1.70



CLOTH BUFFS

Buffing wheels for polishing various objects to a high lustre. All have ½" bore.

153-1204E90	4x½" bore	$ .75
153-1206E150	6x½" bore	$1.25

Aluminum Oxide GRINDING WHEELS

General purpose durable wheels with a 1" arbor hole and reducing bushings designed for ½" or ⅝" arbor.

State grit — fine, medium, coarse.

212-HA16E160	4x½x1	$1.20
212-HA18E200	4x¾x1	$1.45
212-HA22E280	5x¾x1	$2.10
212-HA30E340	6x¾x1	$2.55
212-BE50	Extra Bushings	$.35

BALL BEARING SAW MANDRELS

Built for high speeds and heavy loads. Dirt-free sealed ball bearings, machine steel flanges. Mounting holes 5½x3⅜" on centers. 10" overall.

216-1550E880	½" shaft	$7.25
216-1560E980	⅝" shaft	$8.00

MOTOR ARBOR & CHUCK

A combination of 3 jawed chuck and motor arbor of machined steel. 2 flanges and nut hold any ½" bore grindstone, buff or wire wheel.

Catalog No.	Chucks	Thread	Price
203-966E300	½ chuck	½x20	$2.50
203-380E300	⅜ chuck	½x20	$2.50
203-988E250	¼ chuck	½x20	$2.00

Catalog No.	Arbors	Thread	Price
153-51E150	½ arbor	½x20	$1.25
153-59E150	⅝ arbor	½x20	$1.25

48" FLEXIBLE HEAVY-DUTY POWER SHAFT

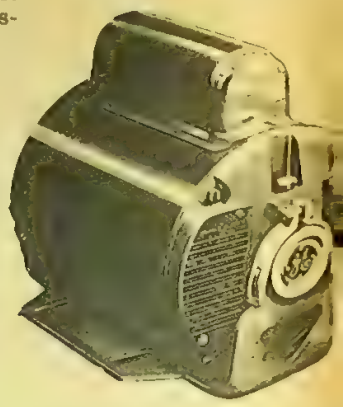
Protected by safety link for over-loads. ½-20 RH thread spindle, flexible steel casing, tough 3/16" inner core. Fits ½" motor shaft. 48" long.

171-7800E3880 $24.95

GENERAL ELECTRIC OR WESTINGHOUSE POWER MOTO

Designed for general applications in the shop, farm or home. Sturdy construction, versatile, low-cost operation and simple construction make them ideal for use with power tools illustrated. Guaranteed for one year, they feature dripproof construction, easy to connect terminal boards, strong steel base rigidly clamped to bearing housing. Continuous duty—50C rise; 60 cycles.

POWER FOR —
- Fans
- Blowers
- Tools
- Pumps
- Appliances
- Paint Spra
- Conveyors
- Farm Jobs



Catalogue No.	H.P.	R.P.M.	AMPS.	Bearing	Shaft/Diameter	Price
Split Phase Type for easy to start applications.						
122-558E2800	¼	1725	5.2	Sleeve	Single—½"	$24.40
122-566E3000	⅓	1725	6.4	Sleeve	Single—½"	$27.00
122-020E3400	⅓	1725	6.3	Ball	Single—½"	$32.00
122-111E4000	½	1725	8.3	Sleeve	Single—⅝"	$34.30
Capacitor type for hard to start applications.						
122-186E4800	½	1725	8.2	Sleeve	Single—⅝"	$43.00
122-299E4400	½	3450	7.0	Sleeve	Double—½"	$35.50
122-047E5700	½	1725	8.2/4.1	Ball	Single—⅝"	$50.00
122-058E6300	¾	1725	12.0/6.0	Sleeve	Single—⅝"	$54.00
122-303E5000	¾	3450	10.2/5.1	Sleeve	Double—½"	$45.00
122-069E7200	1	3450	12.5/6.2	Ball	Double—⅝"	$64.55

HAND TOOL GRINDER

Heavy, one piece, iron casting. Extra long bearings. Machine cut helical gear and pinion. Tool rest included.

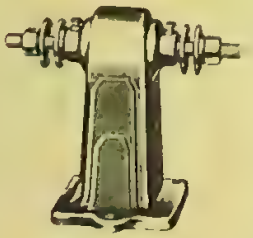
211-JR4E600 Wheel 4x⅞; Arbor 5/16 $5.00
211-H6E1180 Wheel 6x1; Arbor ⅜ 9.50

GRINDING HEAD

A stocky machine with a solid frame and ample base to withstand years of service. Fitted with oilite bronze bearings. Spindle is threaded ½-20 on both ends. 2¼" pulley.

203-120E990 Ht. 6"; Base 4x4 ....$7.40

POWER BENCH GRINDER



Quality grinding and polishing head. Meets every requirement of home, school, shop or farm. High speed babbit bearings—7½" high—½" arbor—enclosed 2" pulley—with oil cups.

½x24 Thread.

211-200E580 $4.50

DOUBLE POWER GRINDER

Equipped with double tool rests—will accommodate 4" or 5" grindstones — High speed babbit bearings ½" arbor. 2" pulley. 6" High.

211-300E740 $5.50

POWER GRINDER WITH GUARDS

Heavy ribbed casting features tool rests, wheel guards and pulley cover—½" arbor — oil cups — with 1" wide stones, 2" pulley.

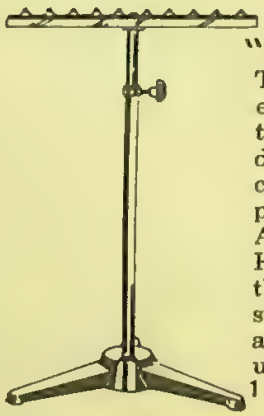
211-45E1450 5" stones-babbit bear'gs $10.95
211-56BE2040 6" stones-ball bearings 15.95

TOOLCRAFT ACCESSORIES

WRITE *For Literature on Additional Available Accessories*

SAW TABLE EXTENSIONS

For Toolcraft saw models 32 and 88. Each extension 7"x17¼".
116-717E3350 Set of 2.....$21.95
For Toolcraft saw model 90. Each extension 9"x20".
116-920E4400 Set of 2 .....$29.95
For Toolcraft saw model 110. Each extension 10"x27".
116-1027E4000 Each $26.95



"HELPING HAND" STAN

Ten rolling ball casters mou ed on a 20" arm allows wo to be moved smoothly in directions. It becomes an e cellent "third hand" by su porting all awkward wo Adjustable from 28" to 5 Heavy cast iron base a thick walled steel tubing sures rigidity. Very help accessory to add to the ple ure of any work shop. 15 l
116-25E2470 .....$16.

POWER TOOL STANDS

Universal Power Tool Stands of fabricated steel. Makes for a neater more efficient workshop. Fully adjustable for height and furnished with adjustable motor brackets. Minimum height 24". Maximum height 33"; length 21"; width 17¼". Accommodates all Toolkraft power tools except 655 Jointer.

116-STD2E3594 ..... $24.95

UNIMAT THE ALL-PURPOSE 5-IN-1

VERSATILE METAL-MACHINE PORTABLE WORKSHOP

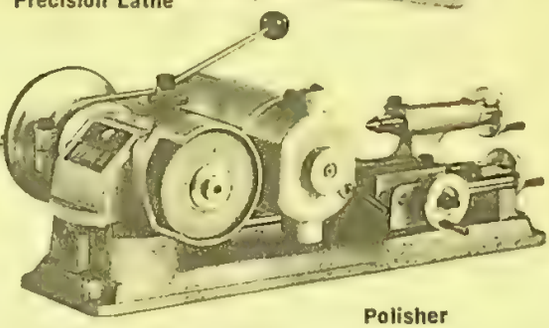
- Complete Metal-Working Lathe
- 11-Speed Ball Bearing Spindle accurate to ½ thousandths!
- Turn, Mill, Bore, Saw, Buff, Sand, Polish, Grind—Steel, Aluminum, Brass, Wood, Plastics
- Converts to Vertical Mill or Drill Press in Seconds
- 'Beginners become experts with Illustrated manual!

Surface Grinder

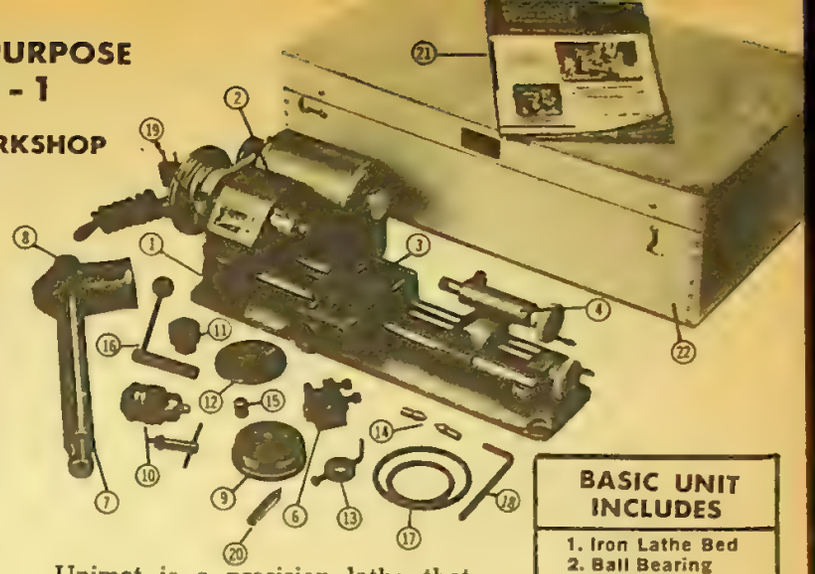
Vertical Miller Drill Press

Precision Lathe

Drill



Polisher



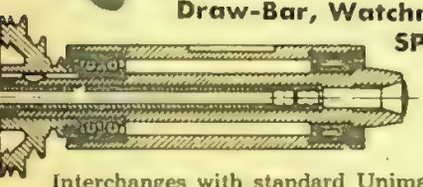
Unimat is a precision lathe that quickly converts into 4 other machines. As a lathe Unimat has a 3" swing, handles 6.9x1.8" steel bar between centers or a 3" workpiece over bed. Unimat in a vertical position drills, bores, grinds. As a drill press there's a distance of 6¼" between nose and cross slide, drills to a center of a 6⅛" circle. Main features include: 3 pulley power drive system that provides 11 different speeds from 900 to 7,200 RPM. 1/10 H.P. continuous duty motor. Detachable head swings 360° to operate in any position, can be used as a portable drill. Jeweled 360° rotating headstock and ball bearings have an .0005 runout. Spindle takes ¼" bits.

114-1000E22300 Unimat . . **$139.50**
114-1001E4200 3-jaw Lathe Chuck **$25.15**

BASIC UNIT INCLUDES

1. Iron Lathe Bed
2. Ball Bearing Headstock Spindle
3. Carriage Assembly
4. Tailstock
5. Ball Bearing Idler Pulley
6. Tool Post
7. Steel Vertical Column
8. Vertical Column Headstock Adaptor
9. 3-Jaw Universal Lathe Chuck (not included)
10. Jacobs-Type Drill Chuck and Key
11. Grinding Wheel Arbor
12. Face Plate
13. Lathe Dog
14. 2 Dead Centers
15. Slotted Adaptor
16. Spdl. Feed Lever
17. Set of Drive Belts
18. Allen Wrench
19. Alignment Pin
20. Roughing Bit
21. Instruction Book
22. Wood Chest

Draw-Bar, Watchmaker's SPINDLE



Interchanges with standard Unimat lathe spindle. Has front roller, rear ball-radial thrust bearings. Draw-bar hole 4mm. Spindle runout within .00039".

114-2600E4950 . . . . . **$29.95**

ROUND TABLE

Permits clamping of large or irregular shaped workpieces for dividing. 3 sets of milling clamps.

114-1261E1140 . **$6.50**

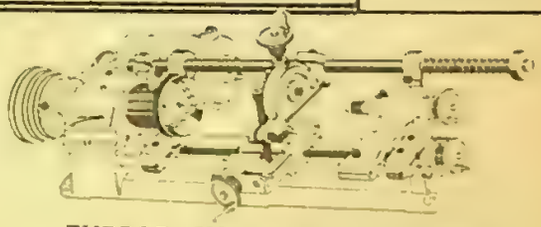
INDEXING & DIVIDING

Unit mounts horizontally or vertically on index and dividing head. Includes 48 division index plate giving following divisions 2, 3, 4, 6, 8, 12, 16, 24, 48. Other available plates shown below.

114-1260E2140 $12.95

Index & Dividing Plates

	Gives Divs. of:	Price
114-1263/40E860 (40 div.)	2,4,5,8,10,20,40	**$4.90**
114-1263/36E860 (36 div.)	2,3,4,6,9,12,18,36	**$4.90**
114-1263/30E860 (30 div.)	2,3,5,6,10,15,30	**$4.90**
114-1263E2320 Set of 3 Index Plates	(30,36,40 divisions)	**$13.25**



THREAD CHASING ATTACHMENT

Includes internal/external tool bit holder plus DB1107 External threading tool bit. Use with any Leadscrew thread pattern as follows: 16,18,20,22,24,26,28,30,32,36,40,48, 50,56 or Metric sizes .50, .70, .75, .80, 1.00, 1.25, 1.50 mm.

114-1270E3500 Thread chaser . . . **$19.95**
Leadscrew thread patterns
114-1271E540 Any one size . . . . . **$ 2.95**
114-1272E6800 Complete set. 14 in. **39.95**
114-1274E3400 Complete set. 7 mm **19.95**

POPULAR ACCESSORIES for UNIMAT

MACHINE VISE. Precision vise mounts on Unimat cross slide for milling. V-shaped jaws grip vertically or horizontally. 1⅛" opening.

114-1010E1660 . . . . . **$9.50**

MILLING TABLE. 5 x 3" table mounts on Unimat cross slide to permit clamping large complex parts. With clamps.

114-1210E2200 . . . . . **$12.50**

LIVE CENTER. Antifriction center for high speed turning. Double ball bearings.

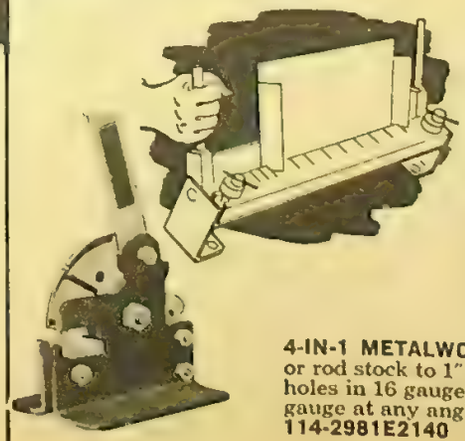
114-1221E1030 . . . . . **$5.90**

LATHE TOOL BITS. 6-pc. roughing, left and right hand finishing, cutoff tool, boring bar, inside threading tool.

114-1100E1600
$10.90

18" BENDING AND FORMING BRAKE

- For Experimenters—Servicemen—Shops
- Clean Smooth Bends
- Forms Up To 90°
- Handles Up to 18" Width In Up to 16" Gauge Thickness



Unique design permits forming chassis, boxes, covers, trays, etc. by means of 1" deep slots in brake-bar which allow corners to fold in. Provides flange edges up to 1" high. Easy to adjust for thickness, accuracy, angle of bend. Rugged construction for lifetime service.

114-2980E1990 **$19.95**

4-IN-1 METALWORKER. Forms angles to 90° in flat or rod stock to 1" wide, 16 gauge thick. Punches sharp holes in 16 gauge to 1" from edge. Shears metal 1x16" gauge at any angle. ⅛, 3/16, ¼" punches included.

114-2981E2140 . . . . . **$12.95**

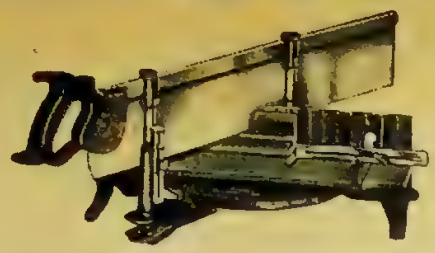
Write for literature on Additional Unimat Accessories

DEPENDABLE MITRE BOXES AND SAWS—BIGGEST SAVINGS

MILLER FALLS MITRE BOX
Complete with Saw

One-piece cast iron bed and back, steel, swinging lever and posts. Graduated arc and index plate "Oilite" bearing saw guides. High grade saw accurately fitted to box. Extendable swinging lever travels freely from 45° to 90°, right or left, locks at any angle (automatically locks at 0°, 9°, 22½°, 30° and 45°, right or left). Automatic catch holds saw elevated. Length gauge and acute angle adjustment. Capacity all sizes—10½" at right angles—7¼" at mitre.

203-74E12380 .....$92.99



STANLEY MITRE BOX
Complete with 5"x28" Back Saw

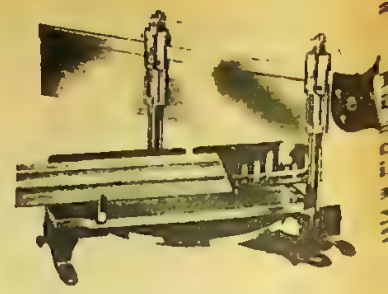
Locks at any angle. Two roller bearings in each saw guide for smooth action. Automatic catches hold saw elevated above work.

Swivel lever and lift screw automatically raise saw out of kerf cuts; quadrant is graduated in degrees and indexed. Set swivel to hold index holes or any degree on quadrant.

Swivel and upright cast in one piece of malleable iron, strong, rigid and practically unbreakable.

Positive saw guide stops control depth of cut. Length stop for sawing duplicated pieces.

200-2358E13090 .....$93.50



STANLEY DELUXE MITRE BOX AND BACK SAW

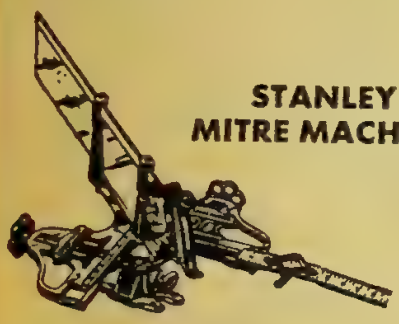
Back, frame and graduated quadrant cast in one piece. The entire box is stro ly braced and absolutely rigid. Legs made of malleable iron which makes th practically unbreakable. Eye-appeal finish—Two shades of grey with red o orative lines. A first quality back saw furnished with each box.

With 5"x28" back saw.

200-358E12800 .....$91

With 6"x30" back saw.

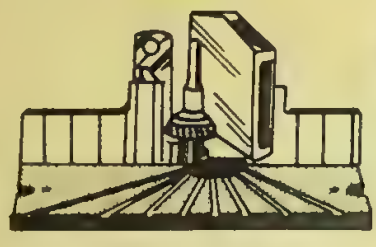
200-360E14330 99



STANLEY MITRE MACHINE

Enables any type of mitred joint to be cut, glued, nailed to tighter, closer-fitting corners. Lets you saw mouldings less than 4" wide, and clamp frames 7½x7½" or larger. 22x4" saw fitted to metal machine.

200-100MME15440 48 lbs. $104.80



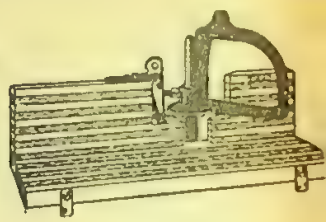
STANLEY®

STANLEY MITRE BOX
Without Saw

A rigid, all metal mitre box that can be used with either a back or panel saw. A sliding key secures saw guide at proper angle as well as depth of cut. Saw guide is easily and quickly set at 90, 60, 45 and 30 degrees.

One adjusting screw provides proper tension for saws of different thickness. Base is provided with bolt slots for mounting to bench. Finished in gray and red enamel. Depth capacity 3½". Overall 12⅜"x3⅝".

200-114E980 .....$7.00



STANLEY MITRE BOX Without Saw

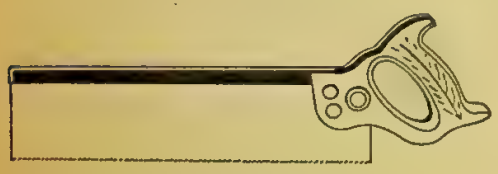
A handy box for ordinary work. Takes stock up 3½ in. in height when panel saw is used.

Saw guide can be quickly set and held at 0°, 9°, and for 4, 5, 6 and 8 sided figures. A sliding key wedge fits into notches on the marked index plate securely holds guide at proper angle.

Either a back or panel saw can be used. The guide determines the depth of cut and keeps the at the angle to be cut. The stop lugs on front edge ho box against edge of bench when sawing.

Index plate, index lever and center point are m of steel. Saw guides are gray iron. Laminated hardw frame in clear lacquer. Overall Size 16"x7".

200-115E2430 .....$17

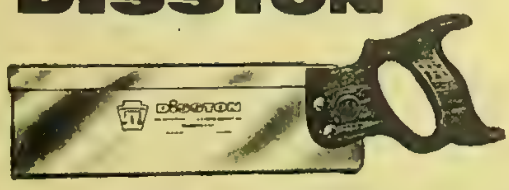


CORSAIR BACK SAW

Saw made of special analysis steel. Hardened and tempered with precision set teeth (14 points to the inch). Extra heavy 14"x 3¼" blade backs. Mirror polished blades. Heavily nickel plated screws and Medallion. Handle made from 9-ply laminated wood, natural finish with weatherproof lacquer.

202-CM14E320 .....$2.75

DISSTON



DISSTON BACK SAW

Extra heavy bright steel back for greater rigidity. Hardened, tempered steel blade has bevel-filed teeth to cut across or diagonally to grain. Blade extended well into weatherproofed handle.

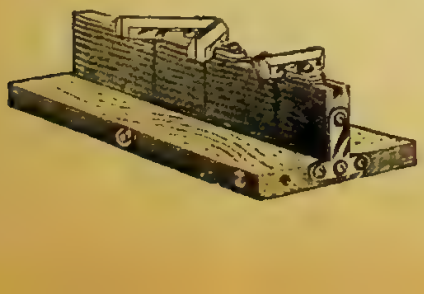
201-K112E640 12x3 Blade $4.60
201-K114E690 14x3½ Blade 5.20

DISSTON

MITRE BOX SAW

Made of alloy steel. Polished heavy st back. All lengths and widths 11 poi Hardwood, weatherproofed, natural fin handle. Cuts clean and smooth.

201-MB426E2460 4x26 Blade $18
201-MB428E2640 5x28 Blade $19
201-MB430E2960 6x30 Blade $22



Gem Folding Mitre Box

Clear select hardwood, shellac finished. For sawing angles 45° and 90°. Dimensions when folded — 2½x3½x14". Useful for carpenters or household use.

215-GME540 .....$4.40

Rock Maple Mitre B

Made of Rock Maple — hardest commerical wo kiln dried. Lasts 3 times lo er than other woods, will warp. With two 90° and 45° mitres 16x5½x2¾".

213-416E260 .....$2

DISSTON
HAS THE EDGE

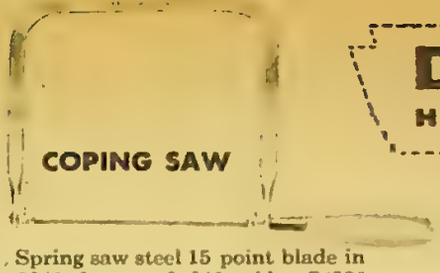
Famous For Quality And Service

QUALITY HACKSAW

Disston No. 368 Hack Saw Frame sturdy, gleaming nickel-plated steel with streamlined steel handle faced with black plastic. Grip large and comfortable—assures steady, easy cutting. Will give years of satisfactory service.
201-368E460 ..... **$3.50**

BUDGET HACK SAW

Quality saw with Disston No. 328 Quaker City Hack Saw frame that is zinc-plated and adjustable to 8, 10, or 12-in. blades which may be used in 4 positions. Black pistol grip handle. With 10" Duraflex blade. 18 teeth.
201-328E140 ..... **$1.00**

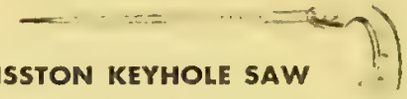


COPING SAW

Spring saw steel 15 point blade in 6¾" frame of ⅜" wide, 7/32" thick nickel plated steel. Weatherproofed handle.
201-CP15E200 ..... **$1.40**

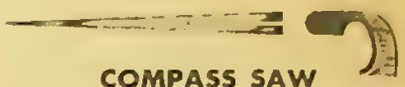
DISSTON COMPASS SAW

3402 compass saw is made of special steel, hardened, tempered and polished. With teeth set 8 points to the inch . . . set and filed. Deluxe square-top hardwood handle with weatherproofed, natural finish. Comfortable open grip. 2 nickel-plated screws hold the 12" blade firmly.
201-302E270 ..... **$2.00**



DISSTON KEYHOLE SAW

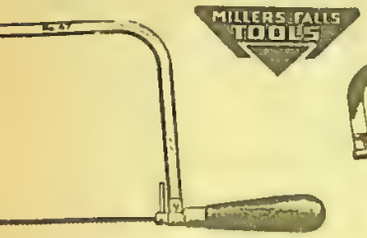
For cutting keyholes, frets, any close inside work. Blade is 12" long, tapered to sharp point—set, bevel filed with 10 points to the inch. Hardwood, open-grip handle is weatherproof. natural finished. 2 nickel-plated screws.
201-K15E280 ..... **$2.06**



COMPASS SAW

Square top handle takes 12 or 14" blades, lets you use them in regular or reverse position. With 12" polished, hardened, tempered steel blade tapered to sharp point. Weatherproof open-grip handle.
201-CM4E380 ..... **$2.90**
201-CB412E200 Extra 12" Blade **1.50**

MILLERS FALLS TOOLS

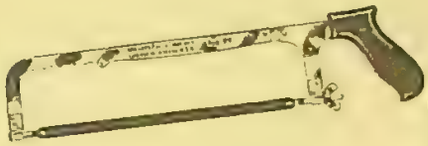


COPING SAW

Rigid durable frame is of stiff, flat spring steel. Blade controlled by turning studs without removing. Holds either loop or pin end blades.
203-43E240 4¾" Throat .. **$1.85**
203-47E340 6½" Throat . **2.55**

MILLER FALLS HACKSAW

High quality frame for a high quality workman. Unusually rigid and finely balanced with unbreakable Tenite guards on 1-pc. steel handle that is polished, buffed. Takes 8 to 12" Blade. 3¼" frame. Comfort-grip handle.
203-48E630 ..... **$4.75**

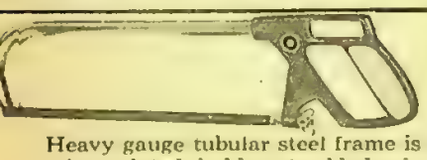


MILLER FALLS HACKSAW

A competitive frame that combines fine quality and economical price. Composition handle is reinforced the entire length, comfortable open-grip style. Excellent balance. Nickel plated. 2¾" frame. Takes 8 to 12" blades.
203-99E350 ..... **$2.59**

MILLER FALLS HACKSAW FRAMES

High quality, heavy-duty 3⅞" frame is ideal for plumbers, carpenters, electricians who demand the best. Lever tensioning device permits quick, easy blade changes Balanced, polished unbreakable Tenite handle.
203-300E890 10-12 blade . . **$6.69**



STANLEY

QUALITY HACKSAWS

Heavy gauge tubular steel frame is chromium plated, holds extra blades in compartment. Push-button locking pin for quick, easy adjustment for 10 & 12 blades, facing 4 directions. Cast handle.
200-408E580 3⅞" Throat **$4.20**

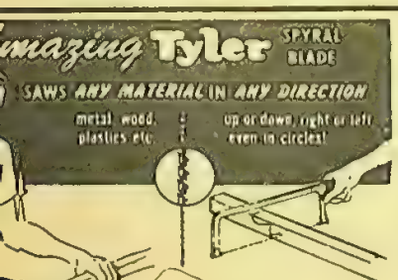
Sturdy, dependable hacksaw for a variety of metal cutting jobs. Nickel-plated steel frame has wing-nut adjustment for 8, 10, 12" blades. Grey pistol grip plastic handle, comfort contoured.
200-1265E390 3⅞" Throat **$2.80**

MILLER FALLS NEST OF SAWS

Saws almost anything . . . cuts steel, iron, wood, plastics, nails, metal lath, asbestos board, etc. Does the work other saws cannot reach or cut. Blades can be faced, locked in 8 positions . . . are easily interchangeable. Red and grey enamel.
203-725E500 With 3 blades **$3.79**

EXTRA BLADES FOR ABOVE

203-249E120 12"-24 Tooth, Metal ..... **$.75**
203-279E120 12"-7 Tooth, Wood ..... **.75**
203-109E120 12"-10 Tooth, Combination ..... **.75**



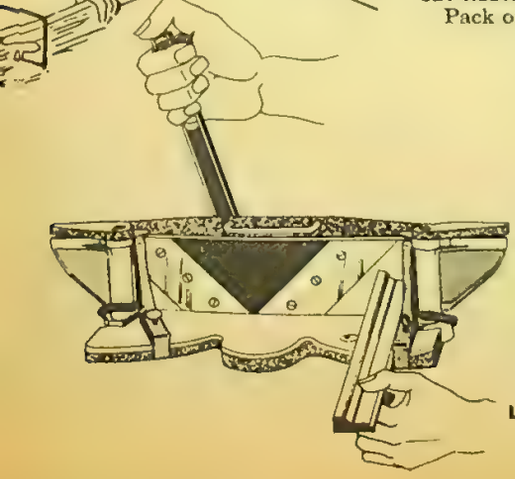
WORLD'S SAFEST SAW BLADE

Does what no other blade can do. Fits any standard coping or hacksaw frame without special adapters. Permits intricate, internal work in practically any material without chipping or tearing—leaves a clean, smooth edge.
Pkgs. of 12. 6½" Coping Saw Blades—Pin End type.
321-CB12E150 Pack of 12 ..... **$1.00**
321-HBE150 10" Hacksaw Blades Pack of 3 ..... **$1.00**

MITRE MACHINE

Cuts Satin Smooth Perfect Joints

Trims any shape molding or picture frame up to 5" wide. Cuts clean and smooth every time . . . no need to sand. Bevels vertical base miters to 3⅞". Right or left hand miters or any angle between 45° and 90°.
221-7950E14300 . . **$79.95**



HACKSAW BLADES

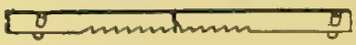
DISSTON or MILLER FALLS

Buy America's finest, dependable blades for fast cutting. Made of finest quality Molybdenum and Tungsten alloy steels. Carefully heat-treated. **Pkgs. of 10 only. Standard**—Flexible, **Specify** 18, 24, or 32 teeth per inch.
F10E224 10" Long ..... Pkg. **$1.90**
F12E276 12" Long ..... Pkg. **2.35**

HIGH SPEED

Flexible steel. **Specify** 18, 24, 32 teeth per in. Pkg. of 10
HS10E880 10" Long ..... Pkg. **$7.50**
HS12E1048 12" Long ..... Pkg. **9.00**
SPECIAL BUY—Pkgs. of 100. American made alloy steel. 18 or 24 teeth.
PF-10E1200 10" Long ..... Pkg. **$8.00**
PF-12E1400 12" Long ..... Pkg. **10.00**

COPING SAW BLADES



High carbon Steel. Pin end type fits most coping saws. 6½" long size. **Pkgs. of 12 only.**
218-3CP15E180 ..... **$1.47**

TUBULAR HACKSAW FRAME

Sturdy, rugged tubular frame is amazingly light. Chrome plated. Butcher frame has thumb rest. For 8-12" blade.
202-325E400 3¾" **$3.00**

LOWEST PRICES ON NATIONALLY FAMOUS BRANDS.

(A) DISSTON HAND SAW

A masterpiece with rosewood handle, famous Disston steel tempered, hardened and balanced full taper ground blade. Edge cuts true, stays sharp. Accurately set, bevel filed, 8 and 10 pt.
201-D95E1570 26" **$11.80**

(B) WORLD'S FINEST

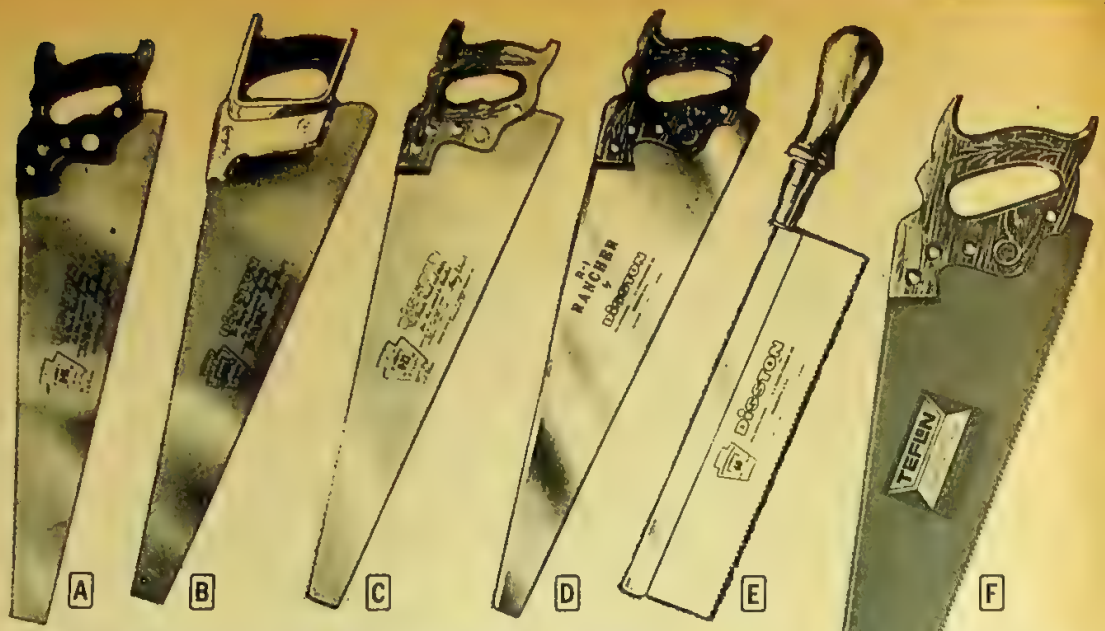
Superbly balanced for effortless work. Blade is Disston exclusive chrome-nickel alloy steel . . . 4 gauge true taper ground, precision set and bevel filed. Prime solid walnut handgrip in aluminum diecast frame for strength, performance, beauty. 8 or 10 pt. only.
201-D100E1810 26" **$13.60**

(C) DISSTON HAND SAW

Popular with users demanding quality and workmanship. Disston steel, striped back, taper ground and weather-proofed. Straight back. Bevel filed. 26"—5½, 8, 10, 11, 12 point.
201-D23E1390 ..... **$10.50**
201-D23E1390 24"-10 pt. **10.50**
201-D23E1320 20"-10 pt. **9.95**
201-D23E1010 16"-11 pt. **7.60**

(D) DISSTON HAND SAW

A high quality serviceable saw for householders and do-it-yourselfers. Features quality taper ground blade that is polished and bevel-filed, with straight back. Solid hardwood handle. Lightweight and easy to handle. 26"—5½, 8 or 10 pt.
201-R1E880 ..... **$6.50**



DISSTON has the Edge.

(E) DOVETAIL SAW

A must, when the finest possible joint is needed, whether for dovetailing, tenoning, model building, pattern making, etc. Blade .020" thick with 15 teeth per inch. Sturdy steel back support, 1⅝" under back. Quality made throughout to Disston's exacting specifications.
201-68E610 10" Blade . . **$4.60**

(F) DuPONT TEFLON COATED

Engineered for smooth effortless sawing and coated with DuPont's new "Teflon". Provides a lifetime of bind-free, rust-free cutting. Finest steel blade is bevel-filed and fully tapered. Teeth may be reset or sharpened without impairing the teflon self-lubricating finish. All impurities are easily removed from teflons non-stick finish.
201-D230SSE1810 26"-8, 10 pt. **$12.50**

NEW!

DISSTON
"Teflon" Coated Hand Saw For Bind-Free, Rust-Free Cutting

HAND SAW HANDLE From DISSTON

Top quality hardwood, weather-proofed and natural finish for long life. Designed for comfortable control with just-right hand-hold angle. Slit only, not bored.
201-66E230 ..... **$1.70**

STANLEY SAW SET. Powerful leverage makes it easy to set any saw from 4 to 14 pt. Hardened anvil quickly adjustable.
200-42E980 4 to 14 points **$7.00**
200-432E500 4 to 11 points **3.50**

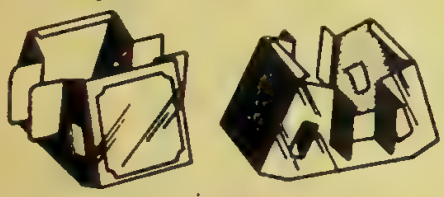
SANDVIK "NORSEMAN"

Swedish charcoal alloy steel blade, polished taper ground. High crown tooth line. Laminated, branded plywood handle. All purpose saw. Lightweight pattern.
219-270E1000 26"-8 or 10 point . . **$7.00**

SANDVIK "GUILDMASTER"

Professional quality, made of Swedish charcoal alloy steel, fully taper ground. Ship-point. High crown tooth line. Extra polished blade. Laminated plywood handle.
219-271E1400 26"-8 or 10 point **$10.00**

STANLEY SAW HORSE BRACKETS



Simple hinge design with hold-fast spur action for easy assembly of 2x4's to make a saw horse. Needs no nails, tools or screws. Brackets lock directly into wood. Made of tough, durable steel, zinc-plated to resist corrosion. Easy to use.
200-362E350 Pair **$2.50**

Hirsh

ALL STEEL WORK-HOBBY BENCH

Spill-Proof Drawer

Double Tier 48-In. Long Tool Rack

Storage Space Galore

RUGGED STORAGE AND WORK BENCH

Ideal for the home handyman, for garage mechanics and small shops. Has big bottom shelf, perforated back panel with double tier 48" long tool rack, plus an easy-roll all-steel storage drawer on DuPont Nylon Glides. Has plenty of room for a complete tool assortment. Rugged all steel finished in oven-baked enamel with 1" thick Huski hi-impact board top 24x48". Tools, vise not included. Wt. 73 lbs. Shipped from Chicago warehouse, via REX or truck.
547-10453990 ..... **$29.95**

STANLEY PRECISION-BALANCED HAMMERS

TOP QUALITY HAMMER

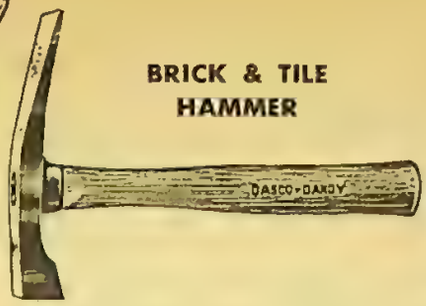
ultimate in the toolmakers art. steel forged hammer . . . nothing come apart. Perfectly balanced, mits hours of effortless wrist mo-. Tubular alloy steel handle has slip rubber cushion. Handle is manently locked to shaft.

--N1½E720 16-oz. Claw $5.15
--N1½AE720 16-oz. Rip . . 5.15

SPORTSMAN AXE

Forged steel hatchet or axe, perfectly balanced. Brilliant mirror polished head. Non-slip rubber cushioned handle locked to shaft.

Great Neck Hatchet
202-BHE840 . . . . . $6.00
Great Neck Axe
202-BX2E700 . . . . . 5.00
Stanley Hatchet
200-SH1½E1070 . . . . . 7.60
Stanley Axe with Sheath
200-1¼WSE1110 . . . . . 7.95



BRICK & TILE HAMMER

Best drop forged steel brick hammer made with polished cutting edge and face. Solid, sturdy Hickory handle. 2 sizes.

200-431E660 18-oz. . . . $4.70
200-431½E700 24-oz. . . . 5.00

BRICKLAYERS HAMMER

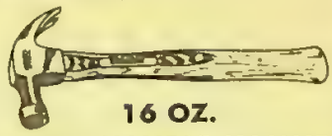
Forged head is permanently bonded to unbreakable polished tubular steel handle. Non-slip cushion rubber grip cannot come loose . . . ever! Durable.

200-SB24E910 24-oz. . . . $6.50

STEELMASTER
Finest Hammers Made

amley's finest hammers . . . the eelmaster line. A new precision-grineered all steel hammer with sitom contoured grip of neoprene . always feels comfortable, yet not slip. The entire head, face dl claws are specially heat-treated give long life. Tempered rim imimizes chipping. Tubular shaped rrome alloy handle is permanently clked into the head . . . cannot eak. Choice of sizes.

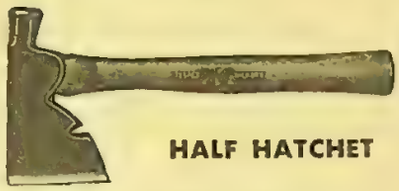
-ST2E830 13 oz. Claw $6.00
-ST1½E830 16 oz. Claw 6.00
-ST1E910 20 oz. Claw 6.50
-ST1½AE830 16 oz. Rip 6.00
-ST1AE910 20 oz. Rip 6.50



16 OZ. WOOD HANDLE HAMMER

Heads drop forged, hardened and tempered on face, claws. Straight grain Hickory handle.

200-101½E560 Pol. Claw $4.00
200-101½AE560 Pol. Rip . . 4.00
200-211½E280 Black with polished face claw . . 1.99



HALF HATCHET

Forged tool steel makes this a superb hatchet. 3⅝" cut. Black velet finish with polished cutting edge. Has select Hickory handle.

200-122E660 Velvet Black $4.75

HAND DRILLING

High grade forged steel tool used with Star drills for concrete work. Makes easy work of the toughest jobs. Rugged, 10¾" handle for heft.

200-7802E790 2 lb. . . $5.60
200-7803E820 3 lb. . . 5.80

SOFT FACE HAMMER

For machinists, automotive, aircraft technicians—soft amber plastic face can't mar work. Weighted between faces.

200-594E490 8-oz. $3.50
200-595E560 16-oz. 4.00

MAGNETIC TACK HAMMER

Finely finished tack hammer for fine use. Well balanced with slim 5-oz. head. Magnetic to find and hold to the tack . . . assures greater accuracy, minimizes loss.

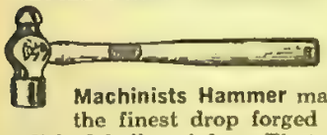
200-304E230 . . . . . $1.65

UPHOLSTERERS' TACK HAMMER

Magnetic . . . minimizes loss of tacks. Forged, super-heat treated head, finely finished, magnetized.

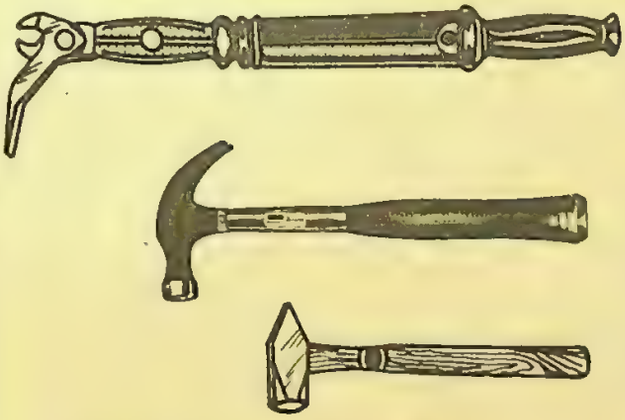
200-602BE550 . $4.25

BALL PEIN HAMMER



Machinists Hammer made of the finest drop forged steel, polished ball and face. First grade kory handle. Ideal for garage me-nics and machinists. Made for years ugged, dependable service.

tock No.	Size	Weight	Price
-X396E300	5/0	4 ozs.	$2.15
-308E320	3/0	8 ozs.	2.25
-309E340	2/0	12 ozs.	2.35
-310E370	0	1 lb.	2.60
-311E410	1	1¼ lbs.	2.80
-312E420	2	1½ lbs.	2.95
-314E450	4	2 lbs.	3.10
-X368E750	6	2½ lbs.	5.30



BRIDEPORT NAIL PULLER

Powerful Bridgeport Nail puller is made of specially hardened and tempered steel. Has hand-guard on the shank, box joint. Quality tool for professionals or home handymen.

358-56E720 18" Long $5.10

ALL STEEL HAMMER

Drop forged head is permanently locked in heavy chrome alloy steel handle. Rubber composition grip absorbs shock. Choice of 2 styles.

202-B16SE560 16 oz. Rip $4.00
202-B16CE560 16 oz. Claw 4.00

BLACKSMITH'S HAND HAMMER

Cross Pein hammer of finest German drop forged steel. Quality finished hefty handle.

604-3CPE540 3 lb. Head $4.50

HAMMER HOLSTER

For carpenters and handymen. Made of fine leather with slots to slip easily on belt. Holds any hammer out of the way when not in use, and keeps it within easy reach when you want it.

200-HH2E240 $1.70

DOUBLE FACE MIDGET SLEDGE

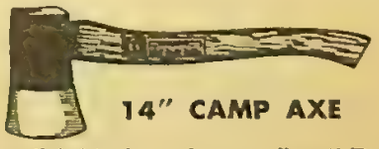
Engineers' Hammers of finest German drop forged steel set in quality finished handle. Midget sized for greater versatility, yet packs plenty of heft. 3 lb. head.

604-3DFE540 . . . . . $4.50

RUBBER MALLET

For industrial and automotive use, a top quality mallet with resilient live rubber head. Finest hickory handle, shaped for firm gripping.

1¾ Face - 1 lb.
600-651E160 . . . . . $1.50
2½ Face - 2 lbs.
600-739E240 . . . . . $2.50



14" CAMP AXE

Swedish Steel . . . the very finest! Drop forged, tempered and sharpened to the keenest possible edge. Handsome contour semi-polished handle of straight-grained Hickory . . . the most durable of woods. Has 3¾ cut.

604-381E450 . . . . . $3.95

USE OUR MILLION DOLLAR INVENTORY FOR ALL YOUR TOOL NEEDS.

Bridgeport

RHINO SCREWDRIVERS WITH CHROME VANADIUM ALLOY STEEL BLADES

• Gouged, Cross-ground points • Shock-proof, non-flammable Amberlite Handles • Extra large handles for more turning power • Designed for rough, tough

MECHANIC'S ROUND BLADE

Sizes, styles for every purpose.

143-4E150	4 x 1/4	$1.15
143-6E220	6 x 5/16	1.65
143-8E280	8 x 3/8	2.10
143-10E310	10 x 3/8	2.25
143-12E330	12 x 3/8	2.40

ELECTRICIAN'S ROUND BLADE

Long slim style.

243-3E120	3 x 3/16	$ .85
243-4E140	4 x 3/16	1.00
243-6E150	6 x 3/16	1.10
243-8E160	8 x 3/16	1.15
243-10E190	10 x 3/16	1.40

MECHANIC'S SQUARE BLADE

Built for maximum turning power.

343-4E180	4 x 1/4	$1.30
343-6E250	6 x 5/16	1.80
343-8E270	8 x 3/8	2.05
343-12E340	12 x 3/8	2.50

SCREW-HOLDING SQUARE BLADE

For hard to get-to jobs.

247-2E100	2 x 1/8	$
247-3E120	3 x 1/8	
247-4E130	4 x 1/8	
247-6E150	6 x 1/8	
247-8E160	8 x 1/8	

PHILLIPS ROUND BLADE

300E100	#0-3 x 1/4	$ .80
301E120	#1-3 x 5/16	.95
302E150	#2-4 x 1/4	1.15
303E220	#3-6 x 5/16	1.65
304E280	#4-8 x 3/8	2.05
331E130	#1-8 x 5/16	.95
332E170	#2-6 x 1/4	1.30

RADIO ROUND BLADE

Extra slim shaft for delicate work.

244-4E100	4 x 3/64	$.80
244-6E110	6 x 3/64	.80
244-8E120	8 x 3/64	.90

PHILLIPS SCREW HOLDING

Holds screws for correct drives.

261E160	#1-3 x 5/16	$1.15
262E180	#2-4 x 1/4	1.25

MIDGET Pocket Clip

Clips to pocket. Size: 2 x 1/8.

543E70 $.50

SQUARE BLADE STUBBY

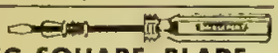
Compact size. 1 1/4 x 1/4

443E140 $1.00

PHILLIPS STUBBY

Short, oversize handle for sure-grip.

311E140	#1-1 x 5/16	$1.00
322E160	#2-1 1/4 x 1/4	1.20



SCREW HOLDING SQUARE BLADE

Truly practical tool that holds the screw square so drives are straight.

248-2E140	2 x 3/16	$1.00
248-4E140	4 x 3/16	1.00
248-7E170	7 x 3/16	1.25
249-8E270	8 x 5/32	1.90

50% Greater Turning Pow NEOPRENE CUSHION G SCREWDRIVI

Super Comfortable Neoprene Cushion grips are blisterproof, c water-resistant. Permanently bonded to tough amber handles. H is unbreakable . . . grip will not slip. Fully guaranteed. Blades high grade hardened alloy tool steel that is beautifully polishe constructed throughout for long, durable service and precisio

ROUND SCREWDRIVERS

2143-3E190	3 x 5/32	$1.40
2143-4E190	4 x 1/4	1.40
2143-6E230	6 x 5/16	1.70
2143-8E290	8 x 3/8	2.15
2143-10E320	10 x 3/8	2.40
2143-12E400	12 x 3/8	3.00
2243-3E160	3 x 5/16	1.15
2243-6E170	6 x 5/16	1.20
2243-8E180	8 x 5/16	1.30
2243-10E200	10 x 5/16	1.50
2142-4E200	4 x 1/4	1.50
2142-6E210	6 x 1/4	1.60

SQUARE SCREWDRIV

2343-1E150	1 1/4 x 1/4
2343-4E210	4 x 1/4
2343-6E270	6 x 5/16
2343-8E340	8 x 3/8
2343-12E430	12 x 3/8

PHILLIPS SCREWDRIV

2522E170	#2—1 1/4 long
2501E160	#1—3 long
2502E190	#2—4 long
2503E270	#3—6 long
2504E320	#4—8 long

STANLEY "100 PLUS" SCREWDRIVER

The finest, strongest, most durable screwdriver made! Stanley "100 Plus" screwdrivers combine a blade and a tip of special alloy steel with a comfortable, tough plastic handle and Stanley quality workmanship. Tests and actual on-the-job performance prove Stanley "100 Plus" screwdrivers to be the finest made. Blades are polished and lacquered.

1009-1E140	1/4 x 1 3/4 Round	$1.00
1006-3E200	7/32 x 3 Round	1.50
1006-4E200	1/4 x 4 Round	1.50
1006-6E240	5/16 x 6 Round	1.80
1006-8E300	3/8 x 8 Round	2.20
1007-4E220	1/4 x 4 Square	1.65
1007-6E280	5/16 x 6 Square	2.10
1007-8E340	3/8 x 8 Square	2.50
1008-3E160	5/16 x 3 Round	1.20
1008-6E170	5/16 x 6 Round	1.25
1008-8E180	5/16 x 8 Round	1.35
200-2750E100	1/8 x 1/2 #0 Phillips	.80
200-2751E120	5/16 x 3 #1 Phillips	.90
200-2752E170	1/4 x 4 #2 Phillips	1.25
200-2753E220	5/16 x 6 #3 Phillips	1.65

RATCHET HEAD VERSATOOL

The most convenient screwdriver ever designed! Has 3 blades . . . 2 regular and 1 recessed. On top, a universal ratchet head that works right, left and locked! Fits slotted recessed screws in straight or offset position for extra leverage. Fits any pocket when closed. Made of finest steel.

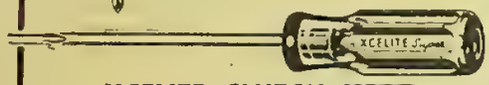
325RSDE280 .....$2.00

JUMBO SCREWDRIVER SET

6 Screwdrivers— One for Every Job: Greater Turning Power

1 Heavy Duty 8 x 5/16; 1 Stubby 1 1/2 x 1/4; 2 Square 6 x 5/16 and 4x1/4; 1 Cabinet 6 x 5/16; 1 Recess #2 4 x 1/4. All of finest quality. Unbreakable, shock-proof, non-inflammable plastic jumbo handles. Blades of hardened, tempered tool steel.

202-AW6E360 .....$2.50



XCELITE CLUTCH HEAD SCREWDRIVERS

For the new type screws being used on truck panel bodies and other sheet metal assemblies. Large plastic handle —chrome vanadium blade.

Stock No.	Size	Length	Diam.	Price
310-G3324E160	3/32	4	1/8	$1.25
310-G183E160	1/8	3	3/16	1.25
310-G5324E190	5/32	4	1/4	1.45
310-G3164E190	3/16	4	1/4	1.45
310-G146E230	1/4	6	5/16	1.85
310-G5166E280	5/16	6	3/8	2.25

SET OF 6 POWER-GRIP SCREWDRIVERS

Includes: Phillips; Long-blade; Stubby close-quarter; Heavy-duty; Cabinet electrician's; and Mechanics drivers. Extra-turning power soft cushion grips on unbreakable double-locked handles that won't slip, slide or twist . . . resist oil, water, gasoline.

202-PC6E150	6-Pc.—Amber Handles	$1.25
322-GLAE180	6-Pc.—Vinyl Handles	1.75

100 UPLAND FORGE SCREWDRIVERS

Economy Assortment . . . 100 Screwdrivers! One for every purpose imaginable. All with approved unbreakable, shockproof, non-inflammable full plastic handles. Blades are hardened and tempered tool steel. Assortment includes electricians, standard, heavy duty and even recess head screwdrivers. Full 100!

322-CB100E1600 .....$15.00

XCELITE COMBINATION SCREWDRIVER

The original dual-purpose screwdriver! Big hollow plastic handle. Chrome-Vanadium steel blades.

Blades and Handles Listed Separately

310-RB1E160	#1 Phillips Blade—5/16	$1.30
310-RB2E160	#2 Phillips Blade—1/4	1.30
310-RB3E160	#3 Phillips Blade—5/16	1.30
310-SB1E150	#1 Phillips Stby. Bl.-5/16	1.25
310-SB2E150	#2 Phillips Stby. Bl.-1/4	1.25
310-25E120	Regular Handle 4 1/16	1.00
310-26E120	Stubby Handle 2 1/2	.90

Works Around Corners . . . really gets into the tough spots. Large plastic unbreakable handle. Hardened, tempered blade.

602-921E150 3/8 x 5" $1.50

PRECISION JEWELERS SCREWDRIVERS SET

Designed for precision work. For hobbyists, jewelers, delicate work at home. All blades are hardened and tempered tool steel. Carefully made to precision standards. Imported. Sizes: #1, 2, 3, 4, 5.

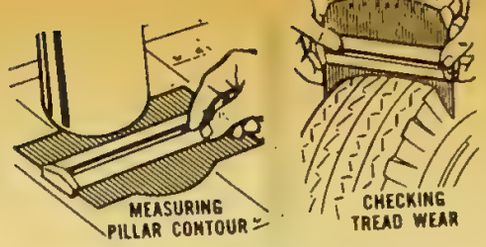
600-1414E170 .....$1.00

HAND DRILL

Two Speed • Capacity 0 to 1/4 Inch

Wide nickel plated rim on large red enamel gear to start small drills in delicate work. Gear drive, equalizing pinions. 3-jawed chuck to 1/4" round shank drills. Black malleable frame, other metal parts nickeled. Hollow wood end handle has 8 drill points, 1/16-11/64" diameter.

E-1420 1/4" Drill $10.69



CONTOUR GAGE

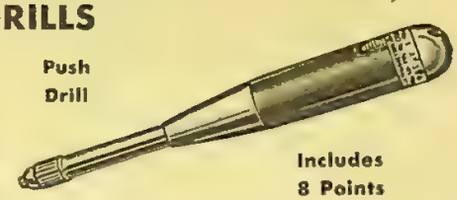
The perfect contour gage for every professional and amateur mechanic. Just press 175 steel teeth against any irregular surface. It will match and hold the shape perfectly. Then mark the outline to tile, linoleum or board to cut for perfect match or fit. Tool is 6" long with an inch scale.

610-78299E500 ..... $4.98

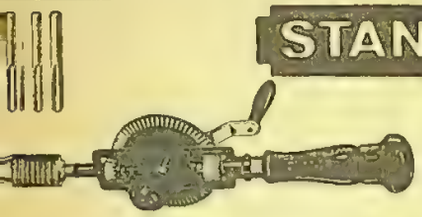
STANLEY AUTOMATIC DRILLS

Automatic drill has red plastic barrel in magazine which holds 8 fluted shank drill points 1/16-11/64". All exposed metal parts either buffed aluminum or nickel. Time-tested operating mechanism. Choose 1/16, 5/64, 1/8, 3/64, 5/32, 11/64" diam. drill points right through bottle in rotating cap.

5-E930 Yankee Drill, Bits $6.70



STANLEY

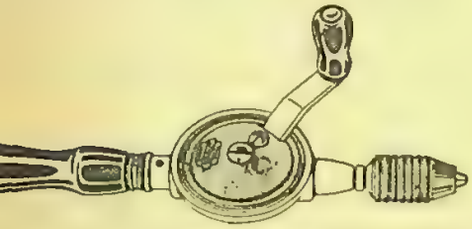


CAPACITY HAND DRILL. Heavy-duty malleable iron parallel sided frame. Hollow handle contains 8 drill points 1/16" to 11/64". Hardwood handle and knob. Chuck capacity 3/8", 4" speed gear, double pinion. Dark red finish handle.

6-24E1710 3/8" Chuck—13 3/4" Long $11.90

1/4" CAPACITY HAND DRILL. Solid grey iron wide flange gear and 2 steel pinions with machine cut teeth. 3-jaw steel chuck, 1/4" capacity. All-steel frame. Red and grey finish handle is hollow, holds 8 drill points 1/16" to 11/64".

200-1220E830 1/4" Chuck—11 1/2" Long $5.90



"PLUS" 1/4" CAPACITY HAND DRILL. With gear fully enclosed in lightweight aluminum housing. Has higher spindle torque for drilling hardwood, or metal to full capacity. Cast iron gear, 2 steel pinions and machine-cut pinion. Positive jaw action. Heavy duty steel chuck.

4-610E1330 1/4" Chuck—12" Long $9.50

1/4" CAPACITY HAND DRILL. Top Stanley quality and construction at a budget price. Smooth-running gear and single pinion. All-steel frame, 3-jaw steel chuck. Gear is hammered grey finish. Hardwood handle in grey and red finish.

200-1214E550 1/4" Chuck—11" Long $3.90

DRILL POINTS for HAND DRILLS

Solid Round Shank. Set of Drill Points sizes 1/16" to 11/64" diameter. Fit any 3-jaw hand drill chuck. Packed in handy acetate vial with screw cap . . . ideal for storing in drawer, tool box.

0-600E210 ..... $1.50

DRILL POINTS

IDP Points for ball-type chucks. Will fit Miller Falls 170 and 185 Hand Drills, and Yankee 41, 45, 46 Hand Drills. Set includes 8 points, from 1/16" to 11/64".

0-9DPE350 Set of 8 ..... $2.50

STANLEY

PUSH DRILL with 8 DRILL POINTS

A world-famous drill with every desirable feature—sturdy, smooth action and built for long service. "Business end" is made of hollow brass tubes with carefully machined spiral which runs through a spiral in a hard bronze center nut. Knurled magazine type handle has individual compartments for the 8 drill points, indexed for size. Simply rotate cap until hole is over point you want, then tip it out. Chuck has 2 hardened steel jaws. Entire tool is polished, nickeled, buffed. 8 drill points are 1/16" to 11/64" diam.

200-41E1050 Yankee $7.50

Nationally Advertised Brands

The Best Tool Values In America

YANKEE SPIRAL RATCHET SCREWDRIVERS

Automatically drives or draws screws, acts as a left or right hand ratchet, or as a rigid screwdriver. Actions are controlled by simple shifting of the knurled control sleeve. Comes complete with 3 bits, furnished as regular equipment. Finely polished, nickeled and buffed finish. With Mahogany finished hardwood handle.

200-30AE1370	18 1/4" long	$9.80
200-31AE1790	25" long	12.50
With Spring Return		
200-135E1330	13 5/8" long	$ 9.50
200-130AE1440	20" long	10.30
200-131AE1820	28" long	13.00

YANKEE RATCHET SCREWDRIVERS

Quick-return-right, left and locked positions for versatility. Lets you use it as ratchet type or rigid. Quality made with carefully buffed metal exposed parts. *10" long.*

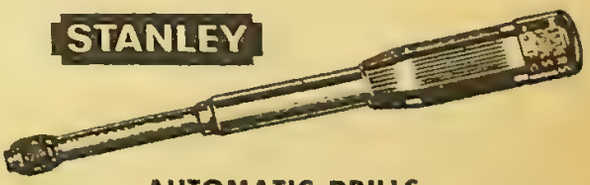
200-133E560	With Wood Handle	$3.95
200-233E710	Plastic Handle, 4 Bits	5.10

ACCESSORY PACK

Yankee Handyman accessory pack contains 3 drill points, screwdriver bit and countersink for use with Yankee tools, or other standard-size quality tools.

200-330HE280 $2.00

STANLEY



AUTOMATIC DRILLS

A totally new automaic drill with features demanded by every wood worker . . . quick-action chuck, sturdy body design for years of use. Body is tough bronze with bright chrome plated finish. Plastic Tenite handle is packed with 4 different sized drill points inside. Outstanding quality, yet reasonably priced.

200-46E630 Yankee $4.50

STANLEY FOR THE FINEST QUALITY BRACES AND BITS

STANLEY'S FINEST BRACE

All steel construction. A truly fine artisan's tool with self-centering chuck. Box ratchet built for heavy duty. Forged universal jaws take round shank bits and drills up to ½ in., and taper shanks as large as No. 2 Expansive Bit. Nut and cotter pin lock chuck in place. Bronze bushed, ball bearing head is full steel clad. Cocobolo head and handle. Heavy steel bow. Nickel-plated mirror finish.

200-923E2040 10" $14.60

ECONOMY BRACE

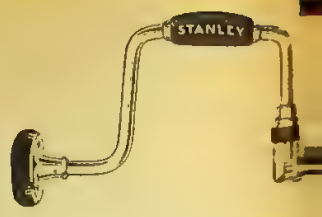
A substantially made ratchet brace with 10" sweep, selling at a popular price. Equipped with alligator jaws, semi-boxed ratchet and mahogany stained hardwood handle and head. Quality made.

200-1253E770 10" $5.50

BALL BEARING BRACE

Ball-bearing head brace, economically priced. Finest quality construction with alligator jaws and nickel plated open ratchet. Smooth, lacquered wood handle and head. 10" Sweep brace.

200-965NE930 ..... $6.70



RATCHET BRACE

Most popular medium pr brace. Features an open steel chuck and ratchet. made throughout with st head and heavy steel bow. able iron spring alligator Glossy black finished ha head and handle. Ball b head. Jaws hold all o square taper shank bits, sm medium size drills. Desig meet a craftsman's de priced for everyone.

200-945E1290 10"

BIT EXTENSIONS

Designed to follow an 11/16 bit or larger. One-pc. socket and shank construction. Forged steel jaws positively holds bits in alignment.

200-180-18E770 18" ... $5.50
200-180-24E880 24" $6.00
STANLEY ECONOMY MODEL
200-1263E660 18" ... $4.75

RUSSELL JENNINGS AUGER BIT SETS

In Wood Chest. Excellent bit set for skilled woodworkers. 13 sizes No. 100RJ Auger bits in 3-section, nicely finished wood chest. Includes one each 4/16 through 16/16" sizes.

200-BXD32E6200 ..... $44.60

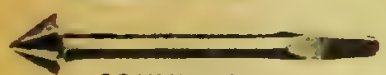
MILLER FALLS BRACES FOR QUALITY

ECONOMY BRACE. Low priced brace features Barber chuck with alligator jaws and semi-boxed ratchet. Steel-clad ball-bearing head. Head and handle are mahogany finished hardwood. Exposed metal parts are nickeled and buffed to a gleaming finish.

203-1710E960 10" ..$7.20

FINEST RATCHET BRACE. Has bearings at every possible point. E tool beautifully finished. Lion bearing chuck holds regular s shanks, #1 Morse taper and shanks from ⅛ to ½. Boxed ra Full steel clad head. Head, handl ished tropical wood.

203-771E2300 12" Sweep ... $
203-772E2200 10" Sweep



COUNTERSINK

Forged from a fine grade of tool steel with keenly milled cutting heads and well-formed bit brace shanks. Carefully hardened and tempered, to take rough work. ¾".

200-139E210 .... $1.50

SCREWDRIVER BITS

Hammer forged from the best quality steel, hardened, tempered, polished. Points finely finished. 5" long.

200-26-1/4E140	¼	$1.00
200-26-5/16E140	5/16	1.00
200-26-3/8E140	⅜	1.00
200-26-1/2E140	½	1.00

QUICK WEDGE

Shockproof, unbreakable Tenite handles. Fast, positive action. Used in all machine shops.

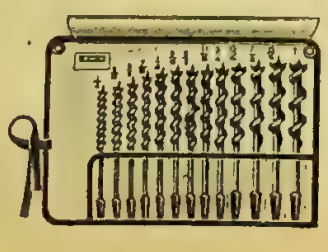
Stock No.	Diameter	Length	Price
306-K23E180	⅛	3"	1.50
306-K28E200	⅛	8"	1.60
306-K34E250	3/16	4"	1.80
306-K36E260	3/16	6"	1.90
306-K38E270	3/16	8"	2.00
306-K44E270	¼	4"	2.00
306-K46E280	¼	6"	2.05
306-K48E290	¼	8"	2.10

IRWIN Heat-Treated FORGED STEEL BITS

AUGER BITS. A finely made and finely finished bit with a deep clean cut screw, sharp spurs and cutting edges. A standard wood-boring tool for carpenters and home work shop enthusiasts. Highly polished bits with solid centers, double cutters.

Stock No.	Size	Price	Stock No.	Size	Price
204-4AE180	¼"	$1.30	204-13AE210	13/16	$1.60
204-5AE180	5/16	1.30	204-14AE220	⅞	1.65
204-6AE180	⅜	1.30	204-15AE230	15/16	1.70
204-7AE180	7/16	1.30	204-16AE240	1	1.80
204-8AE180	½	1.30	204-18AE280	1⅛	2.10
204-9AE180	9/16	1.35	204-20AE310	1¼	2.35
204-10AE190	⅝	1.40	204-22AE360	1⅜	2.70
204-11AE190	11/16	1.45	204-24AE410	1½	3.10
204-12AE200	¾	1.50			

IRWIN 13-PC. AUGER BIT SET



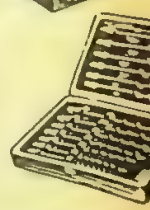
Irwin Borkit—set of 13 auger bits in rolls made from colorful, tough Plastovin . . . a plastic material to protect bits in tool box or bench. Each bit has its own pocket for convenience. Includes from 4/16" to 16/16".

204-13R2660 ..$20.80

13-PC. AUGER BIT SET

Irwin Borchest — richly finished wood case with strong hinge, fasteners. Has spring tempered clips inside to hold each bit. Includes 4/16 to 16/16".

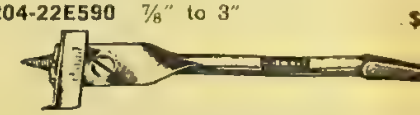
204-13BE3090 ..$23.20



MICRODIAL EXPANSIVE BI

Irwin patented Microdial for minute, ate adjustments. Positive lock. With 2 ters. Special heat treated, forged steel.

204-22E590 ⅞" to 3" .$



LOCKHEAD EXPANSIVE BIT

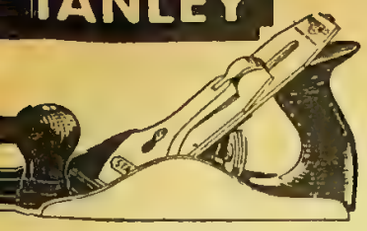
Irwin 1-pc. construction provides solid c for cutter blade. Includes 2 cutters.

204-2E540 ⅞" to 3" ..... $

Expansive Bit with ¼" Round Shank

161-220E550 ½ to 1½" Range ....
161-221E720 ⅞ to 3" Range ....

TANLEY PLANES FOR EVERY PURPOSE STANLEY



HANDYMAN PLANES

ooth planes with grey iron castings, ly adjustable tempered tool steel cut- s. Sides, bottoms, machined, ground es. Hardwood handles. Nickeled lev- Grey enameled bottom castings.

0--1203E970 8" $6.95
0--1204E1010 9" 7.20
0--1205E1150 14" 8.20

ADJUSTABLE BLOCK PLANE

Cutter adjusts by lever . . . wheel locks cutter for depth of cut. Bottom and sides milled, polished. Hardened, tempered steel plane iron. Nickeled clamp screw. Wood handles.

200-1249E450 7x1⅝" . . $3.20

NON-ADJUSTABLE BLOCK PLANE

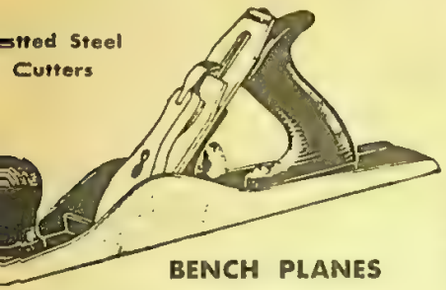
Sturdy steel construction. Ideal plane for around-the-house touch-up work. A top quality tool and a popular price. Wheel locks cutter for depth of cut. Blade iron 1⅝" wide, 6⅝" long.

200-1247E380 ..... $2.70

NON-ADJUST BLOCK PLANE

Recommended for work not requiring frequent adjustments. Nicely finished with malleable iron lever cap, hardwood knob, other parts sturdy steel. 7" long. 1⅝" cutter.

200-110E530 ..... $3.80



tted Steel Cutters

BENCH PLANES

mest grey iron castings with sides and ottoms machined smooth and true. Invvidually tested cutter of special nalysis steel to stay sharp. Fully adsstable. Genuine rosewood handles, nobs shaped for comfortable grip.

00-3E1660 8" lg. 1¾" Cutter $11.85
00-4E1700 9" lg. 2" Cutter . . . 12.15
00-5E1840 14" lg. 2" Cutter . . 13.15

LOW ANGLE PLANE ADJUSTABLE

Cutter is adjustable endwise, rests at 12° angle. Throat adjustable. Low angle planes easier across hardwood. Bottom, sides ground. "Handy Grip."

200-60½E950 6 x 1⅜" . $6.90

6" LONG BLOCK PLANE

Woodworkers' favorite. Cutter adjustments provide for regulating evenness, thickness. 1⅝" cutter. Cutter rests at 20° angle.

200-9½E970 Adjustable $6.90
200-9¼E750 Non-adjust. 5.35

ADJUSTABLE BLOCK PLANE

Steel screw adjusts cutter for thickness of shavings. Bottom and sides are milled and ground. With hardwood knob. 7" long plane. 1⅝" cutter.

200-220E600 ..... $4.30

BULL NOSE RABBET PLANE

Works in tight corners. Mouth adjusts for fine or coarse. Bottom ground true. 4" long; 1 1/16" cutter.

200-75E410 . $2.80

JOINTER PLANE

End, side adjustment of cutters. Cutters are solid high carbon steel. Bottoms, sides milled and polished. Tropical hardwood knobs and handles. Nickeled, buffed lever cap with 3 point bearing.

200-6E2790 18" Fore—Stanley $19.90
200-7E3360 22" Jointer—Stanley 24.00
203-22CE2850 22" Corrugated—Made by Miller Falls . . . 24.50

RABBET & FILLISTER PLANE

Two cutter seats—one for regular work with a lever cutter adjustment and one for forward bull nose work. Adjustable fence can be used on either side or removed. 3-pt. spur and depth gauge. Nickel and black.

200-78E1260 8½ x 1½" $9.00

9" ADJUSTABLE PLANE

md and side adjustment of cutters. Cutrs solid high carbon steel. Bottoms and dles milled and polished. Inside of botms enameled black—frogs enameled d. Tropical hardwood knobs and hanes. Lever cap with three point bearing ckeled and buffed. Entire tool beautilly finished.

03-900E970 ..... $7.29

s Above, but fully polished.

03-9E1580 ..... $11.85

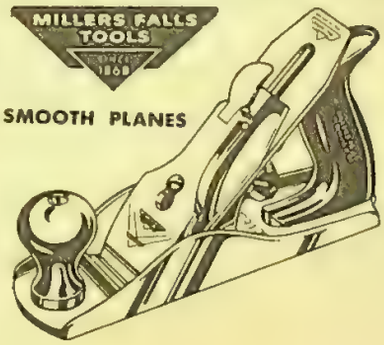
CORSAIR PLANES

ese top value planes have alloy tool el cutters that are hardened and temred and ground to a razor sharp edge. ver cap is nickel plated. Bottom and les are smoothly and accurately mained and polished. Frog is adjustable width of mouth, is rigidly constructed d vibration-proof. Knobs and handles e made of genuine kiln-dried hardwood, tractive mahogany finished. Assembly rts are made of high quality, hardened d tempered alloy tool steel. Brass adsting screw. These planes are rigid, bration-free top efficiency tools of surior quality. Special design eliminates atter, gives a consistent cut.

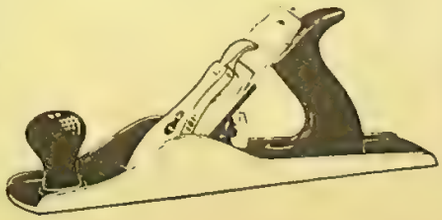
02-C4E840 9" Smooth $6.25
02-C5E960 14" Jack 7.20

MILLERS FALLS TOOLS

SMOOTH PLANES



with 2" CUTTERS



FILES FOR EVERY PURPOSE

For any filing job in industry, or around the home, these are the finest quality files to handle the job efficiently.

72-PIECE FILE ASSORTMENT

Complete, special low-price assortment is made up of clean, recut industrial quality files—6 each of 12 differently shaped files ranging from 5" to 12" in size, and including flat, mill, slim taper, half-round, etc. Wt. 21 lbs.*

*Must be shipped via REX or truck.

320-FAE1990 72 pc. Ass't. $23.00
7-PC. ASSORTMENT—5" to 12" sizes.
320-7LE250 7 pc. Ass't. $3.00

Individual Shapes and Sizes

320-8ME90	8"	Mill Bastard	$ .60
320-10ME110	10"	Mill Bastard	.75
320-12ME140	12"	Mill Bastard	1.00
320-10FE160	10"	Flat Bastard	1.30
320-12FE220	12"	Flat Bastard	1.65
320-8HRE160	8"	Half Round.	1.20
320-10HRE180	10"	Half Round.	1.40
320-12HRE220	12"	Half Round.	1.75
320-4RE90	4"	Round	.60
320-6RE100	6"	Round	.70
320-8RE110	8"	Round	.75
320-10RE130	10"	Round	1.00
320-8XCE130	8"	X cut	1.00
320-12WRE210	12"	Wood Rasp	1.65

SAVE ON ALL YOUR TOOL NEEDS BY SHOPPING FROM THIS CATALOG.

STANLEY

2-IN-1 "SURFORM" PLANE-FILE

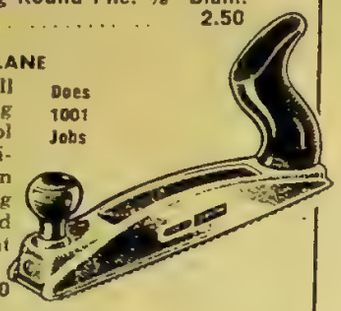
Speed surface-forming tool is a plane or a file . . . just flip the 2-position handle. Sheffield steel blade included. Trim wood, plastic, metal, 10" blade.
200-285E560 . . . . . $4.00

"SURFORM" 10" Flat File with regular blade.
200-295E420 . . . . . $3.00
"SURFORM" 10" Long Round File. 5/8" Diam.
200-297E350 . . . . . 2.50

"SURFORM" PLANE

Does 1001 Jobs

The fastest, easiest of all cutting and forming tools . . . the miracle tool for use on wood, aluminum, copper, tile, even mild steel. Non-clog razor-edge Sheffield steel blade. Cut at light pressure. 10" blade.
200-296E560 $4.00



CURVED "SURFORM" TOOL

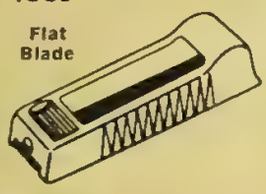
Half-round Blade

Files, forms, shaves all curved surfaces — soft metals, plastics, woods, plaster. Die cast body, hardwood handles. With fine-cut blade. For industrial use. 5½" long.
200-396E270 . . . . $1.90

"SURFORM" POCKET TOOL

Flat Blade

Only 5½" long, yet it trims, forms wood, metal, plastics. Fits in pocket. Die cast body. Short blade has fine-cut teeth, silver finish. 5½" long.
200-399E240 $1.70



REPLACEMENT BLADES

Sheffield tool steel with 500 cutting edges . . . cuttings pass through openings, can't clog blades. Blades No. 294B, 298B, 394B, can be used with either plane of file-type Surform tools.

200-294BE170	Regular Cut—Flat	$1.20
200-298BE190	Half Round, Reg. Cut	1.35
200-394BE170	Fine Cut—Flat	1.20
200-297BE190	Round Blade	1.35
FOR "SURFORM" POCKET TOOLS		
200-396BE150	Half Round, Fine Cut	1.00
200-399BE120	Fine Cut	.80

PERMANENT ABRASIVE SANDING BLADES

For "Surform" File and Plane Type Tools including the pocket tool. Increases their utility and versatility. Tough, sharp tungsten carbide particles are brazed to metal sheets to last longer, sand faster, easier, and resist clogging.

894-46E140	46—Coarse grit	$ .90
894-80E140	80—Medium grit	.90
Sanding Blades for Pocket Tool		
899-46E120	46—Coarse grit	.80
899-80E120	80—Medium grit	.80

MEN'S WORK APRON

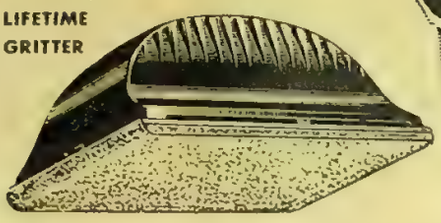
Lightweight Cotton

Keep your clothes neat and clean while you work. Durable, heavy duty apron, features a full 34" x 27" cut with one 7½" pocket. Complete with neck band and tie strings. Lightweight—100% cotton. A must for every home handyman.
604-3427E200 . . . . . $1.98

HEAVY DUTY RUBBER APRON

Ideal for messy jobs around the home or shop. Gives your clothes better protection—no chance of oil, grease, paint etc. seeping through and staining clothes like ordinary fabric aprons. Full 44" x 33" cut—long life flexible black rubber. Four rust proof grommets for neck piece and tie bands.
604-4433E500 . . . . . $4.98

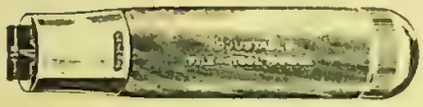
LIFETIME GRITTER



LIFETIME GRITTER

Tungsten carbide grits brazed on steel to wear indefinitely, stay sharp always, ready for immediate use. Grits permanently copper bonded in place. For wood, plaster, plastic, composition, dry wall joints.
157-HS1E200 . . . . . $2.00

FILE & BIT HOLDER



A necessity for every shop. Holds hacksaw blades, files, reamers, scribe joints, allen keys, knife blades, etc.
350-890E140 . $1.25

ROTARY MOWER FILE

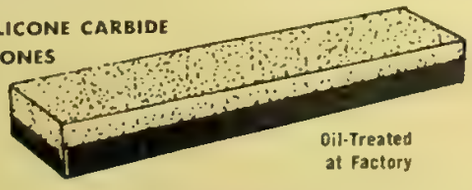
Smooth double cut for keen bite on tough steels. Keeps mower blades properly sharpened.
207-RME150 10" $1.00

GRIT SHAPER

Makes wood files obsolete! New T-C Grit Shaper has tungsten carbide grits brazed on steel . . . superior to any kind of wood file or rasp. Not limited to forward cutting only. Self-cleaning . . . resists loading. 40-50 coarse grit one side; 80 med. grit other.

350-871E220	14" Flat Blade	$2.00
350-873E220	14" Curved Blade	2.00

SILICONE CARBIDE STONES



Produces the finest edge on steel cutting tools . . . oil treated at factory, may be used wet or dry. One side coarse for dull tools, other side fine for finest, keenest finished edge.

212-109E370	6 x 2 x 1	$2.80
212-112E240	4 x 1¾ x ⅝	1.75

SPECIAL — Aluminum oxide stone double grit. Boxed. Complete with sturdy wood box.
217-B6E210 6 x 2 x 1 . . . . . 1.50

FILES BY NICHOLSON

Finest Quality Forged Tool Steel

Fully Guaranteed

The finest files ever made! Sharpens circular saws, knives, scissors, axes, grass shears.

6" Mill Bastard 320-NM6E120	$ .80
8" Mill Bastard 320-NM8E130	.90
10" Mill Bastard 320-NM10E160	1.10
6" Round Bastard 320-NR6E130	.90
8" Round Bastard 320-NR8E150	1.00
6" XX Slim Taper 320-NXXS6E110	.75

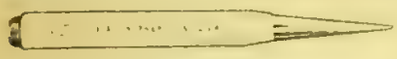
BUY AT WHLOESALE FROM OUR MILLION DOLLAR INVENTORY. SAVE MOST.

FORGED TOOLS of Hardened, Tempered, Polished FINE TOOL STEEL

CONCRETE CHISELS with Bull Points

ts easier, cuts faster, lasts longer. Extra h with bull points for cutting through rete, breaking pavement, sidewalks, etc. cial chisel edge.

tock No.	Size	Length	Price
-478E190	5/8	12"	$1.55
-480E230	3/4	12"	1.90
-481E320	3/4	18"	2.35
-485E370	1	12"	3.00
-486E510	1	18"	4.15



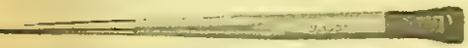
CENTER PUNCHES—VINYL GRIP

ound to the right angle to afford a starting sition for drilling holes in metal.
4-26910E150 5/16" center punch $1.00

PIN PUNCHES—VINYL GRIP

esigned expressly to drive out pins already osened by a machine punch. Never try to tart a rusted or frozen pin with a pin punch.

184-26104E170	1/8 x 4 1/2	$1.25
184-26105E170	5/32 x 4 1/2	1.25
184-26106E170	3/16 x 4 1/2	1.25



DRIFT PUNCHES

Punches have hardened and ground surfaces with a smooth even taper. Center core is heat treated for toughness to withstand exceptional strain.

Stock No.	Size	Length	Price
307-601E120	1/8	8"	$ .90
307-602E140	5/32	8"	1.00
307-605E180	3/16	9"	1.40
307-606E240	1/4	12"	1.80
307-608E260	5/16	12"	2.00
307-613E290	1/4	15"	2.25

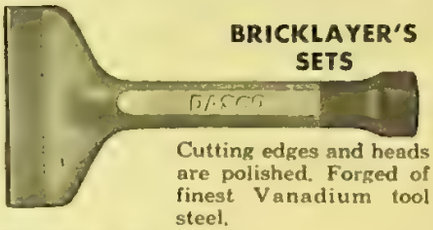
COLD CHISELS

Made of special alloy steel that holds its edge. Re-sharpens with an ordinary file. All short chisels with vinyl grip.

Stock No.	Size	Length	Price
484-26508E130	1/4	5"	$1.00
484-26512E150	3/8	5 1/2"	1.05
484-26516E160	1/2	6"	1.20
484-26500E190	5/8	6 1/2"	1.30
484-26524E220	3/4	7"	1.45
200-753E300	3/4	12"	2.00

ELECTRICIAN'S CHISEL

Cuts through lath, siding, plaster, dry wall and other building materials. Alloy steel with blade carefully ground and polished.
200-210E620 8" long—2 3/4" cut . . $4.40



BRICKLAYER'S SETS

Cutting edges and heads are polished. Forged of finest Vanadium tool steel.

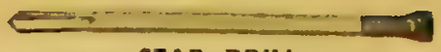
200-1450-3E320	3x7	$2.30
200-1450-3 1/2E350	3 1/2x7	2.50
200-1450-4E390	4x7	2.80

WONDER BAR

Handy for pulling, prying, lifting. Has beverage slots for nail removal. For pulling shingles, siding, flooring, etc.
200-515E370 1 3/4" Blade, 13 3/8" long $2.60

RIVET BUSTER

Offset blade with sharp cutting edge.
200-482E330 5/8 x 12 . . . . . $2.35



STAR DRILL

Designed for hand-drilling concrete, brick and cement blocks—used by carpenters, plumbers, electricians, sign hangers, television men, repairmen. Finest quality construction.

Stock No.	Size	Length	Price
307-3620E120	1/4	8"	$ .90
307-3622E120	5/16	8"	.90
307-3626E120	3/8	12"	.90
307-3635E130	1/2	12"	1.10
307-3643E140	5/8	12"	1.20
307-3651E160	3/4	12"	1.40
307-3655E210	7/8	12"	1.70
307-3659E270	1	12"	2.10

ALL STEEL WOOD CHISELS

Plumbers chisel for tearing up flooring, etc. Alloy steel.

200-775E310	1/2 x 8"	$2.25
200-776E330	3/4 x 8"	2.40
200-777E380	1 x 8 1/2"	2.70
200-778E430	3/8 x 12"	3.10

MOULDING TOOL

Slim tapered bladed with beveled nail slot. Forged steel.
200-44E350 2 x 10" $2.50

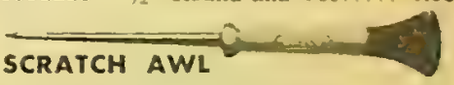
11" BULL PUP NAIL PULLER

Pulls brads, spikes—won't mar woodwork. Finest 1-pc. forged, tempered steel. Special claw.
358-18E270
11" Puller $1.98

TAPERED JOINTERS

Hardened tool steel tapered jointer for brick and stone mortar joints. Finest quality.

307-1935E240	5/8" Round	$1.80
307-2935E260	3/4" Round	2.00
307-933E220	1/2" Round and Vee	1.65



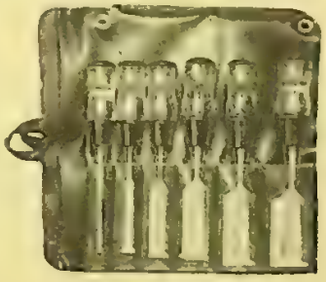
SCRATCH AWL

All steel with large, heavy handle. 7" long.
307-431E200 . . . . . $1.50

MILLERS FALLS TOOLS

CARVING TOOL SETS

Set of 6 tools for wood, linoleum. All blades of finest forged, heat-treated and polished steel. Mahogany finish hardwood handles.
Includes 1 each: 5/16" Straight, 3/8" Bent, 1/4" Skew Bevel Chisels; 3/8" Bent gouge; 3/32" U Tool; 3/32" Veining Tool. All 6 1/4" long.
203-106E1020 . . . . . $7.69



STANLEY

CHISEL SETS

STANLEY alloy tang chisels No. 60 series put up in handy tool rolls.
6-PC. SET. Sizes 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2".
200-66E3060 $21.75
4-PC. SET. Sizes 1/4, 1/2, 3/4, 1".
200-64E1880 $13.75

DISSTON TURNING CHISELS AND GOUGES

Set of 8 basic tools with full-length hardwood handles and blades of finest quality hand forged chisel steel. In convenient storage box. Each chisel approximately 17" long.
201-DISE2660 . . . . . $19.95

TANG CHISELS

STANLEY

with light butt, steel caps. Alloy steel blades

Hand-forged, ground blades. Shock, fire-resistant plastic handles.

200-60-14E400	1/4"	$2.90
200-60-38E410	3/8"	2.95
200-60-12E430	1/2"	3.05
200-60-58E440	5/8"	3.10
200-60-34E446	3/4"	3.15
200-60-1E480	1"	3.50
200-60-114E540	1 1/4"	3.90
200-60-112E610	1 1/2"	4.40
200-60-2E730	2"	5.20

STANLEY-HANDYMAN TANG CHISELS

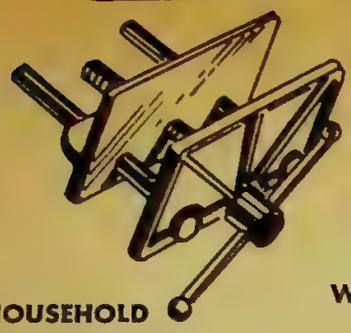
Blade, bolster forged in 1 piece from high grade tool steel, then heat-treated and beveled. Handles are tough plastic with lower portion red, upper end transparent. 2 1/2" long.

200-1252-14E220	1/4"	$1.60
200-1252-38E240	3/8"	1.70
200-1252-12E260	1/2"	1.85
200-1252-34E270	3/4"	1.95
200-1252-1E300	1"	2.15
200-1252-114E360	1 1/4"	2.60
200-1252-112E400	1 1/2"	2.90

4-PC. Set—1/4", 1/2", 3/4", 1" in plastic roll.
200-1252RE1100 . . . . . $7.90

LITTLESTOWN

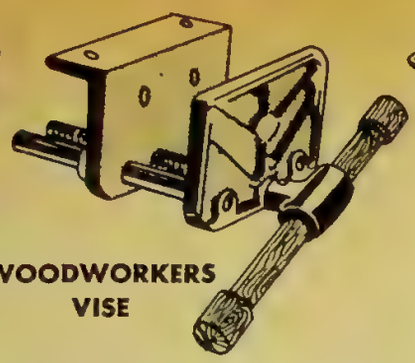
VISES With STEEL SCREWS AND GUIDES



HOUSEHOLD WOODWORKING VISE

Ideal for manual training and for basement workshops. Jaws are 6¼" wide and 3½" deep . . . open to 5" wide. Ruggedly built with quality steel screw and guides. Weight 4½ lbs. Economically priced.

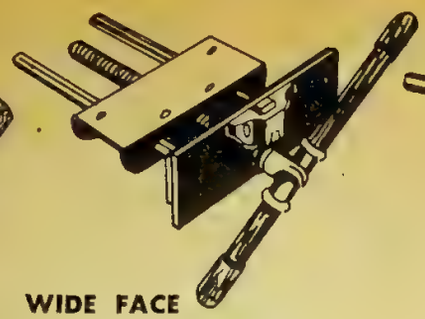
311-166E560 .....$4.00



WOODWORKERS VISE

Littlestown's Most Popular Vise. Machine fit cast iron jaws are 7x 4" . . . open to 7". Sliding sturdy handle. Heavy steel sliding bars and screw. Individually boxed. Weight 8¾ lbs.

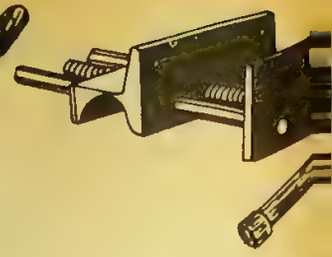
311-197E940 .....$7.00



WIDE FACE WOODWORKERS VISE

Economical wide - face vise that screws securely to bottom of work bench. Front jaws 10" wide, with wood face. Jaws open to 10". Steel screw and guides. Sturdy handle. Weight 17 lbs.

311-198E1620 .....$11.50



QUICK ACTIO WOODWORKERS

Constructed to meet the requirements of skilled m Quick-acting steel screw s work. Nicely finished. Ja . . . open to 10" wide. Ind boxed. Wt. 23 lbs. . . . M REX or truck.

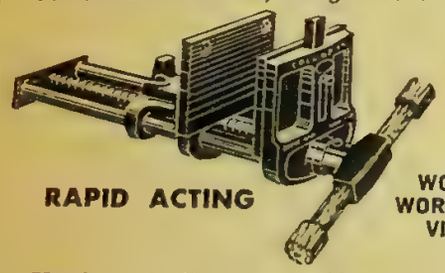
311-200E2270 .....

COLUMBIAN QUALITY WOODWORKERS VISES

WOOD WORKERS VISE

Ideal for home workshops. Fabricated steel jaws are 3x6" . . . open to 7". Plated cold-rolled steel screw and screw head. Malleable iron nut. Chrome-plated steel handles with balls forged from handle stock. Holes for wood faces. Fits bench up to 2¼" thick.

312-6CE1050 .....$ 7.90
312-6CDE1530 Above, w/dog in front 11.50

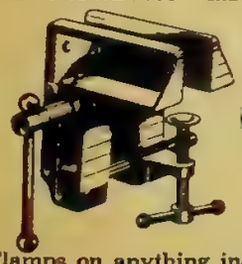


RAPID ACTING WOOD WORKERS VISE

Has instant-adjustment rapid-action feature . . . screw closed on work then locks it in place. Dog in front jaw. Heavy cast iron body. Wood handle. Continuous steel screw and steel guides. Extra sturdy reinforced construction.

Stock No.	Jaw	Weight	Price
312-7RDWE4000	4x7"	27 lbs.*	$30.10
312-10RDWE4460	4x10"	33 lbs.*	33.50

*Must be shipped via REX or Truck

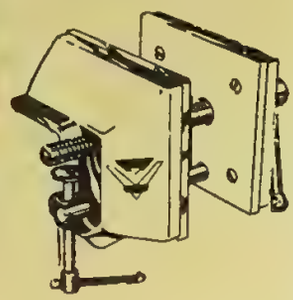


CARPENTERS VISE . . .

Clamps On Anything!

Clamps on anything including a 2¼" thick bench. Finest quality cast aluminum alloy jaws are 5" x 5" . . . open 3½" wide to hold a 2x4. Tool steel feed screws and guide pin. Easily carried in carpenters kit. Smooth jaw faces. Drilled for wood faces. Weight 2¾ lbs. . . . light enough to carry anywhere.

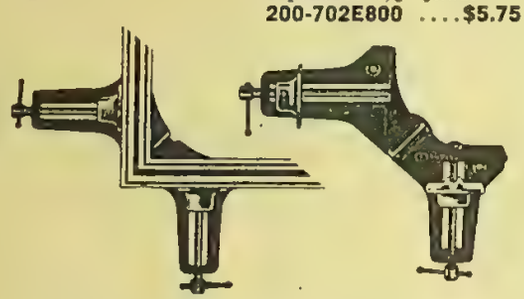
312-1655E660 .....$4.95



WOODWORKERS VISE

Light enough to carry from job to job. Clamps on anything up to 2¼" thick. Aluminum "L"-shaped jaws hold work firmly horizontally or vertically. Jaw faces are covered with tempered presdwood which can be replaced. 4⅝" jaws.

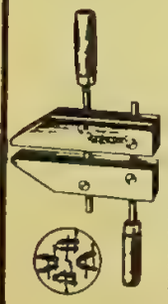
200-702E800 ....$5.75



STANLEY CORNER CLAMPS

Clamps corners for glueing, nailing, doweling . . . gives your woodworking a professional look. New mitre and corner clamp works on the outside of the corner and fully exposes both sides of the joint . . . lets you fasten wherever desired; lets you wipe away excess glue. For frames down to 3½" inside. Cast of aluminum alloy . . . red and gray finish.

200-404E320 .....$2.30



JORGENSEN ADJUSTABLE HANDSCREWS

For glueing and assembly of woodwork, furniture, cabinets, boats, etc. Finely finished hard maple jaws will not mar work. Cold drawn steel screws adjust angle, provide firm grip.

	Size	Igth.	Opening	Price
206-206E600	3/0	6"	3"	$4.60
206-208E720	0	8"	4½"	5.40
206-210E810	1	10"	6"	6.36
206-212E940	2	12"	8½"	7.26

MACHINIST PARALLEL CLAMPS

Drop forged steel specially hardened. Clamp small work for drilling, tapping, welding.

Stock No.	Opening	Price
350-118AE440	1¼"	$3.00
350-118CE540	2¼"	4.00
350-118DE620	2¾"	4.50

MALLEABLE IRO "C" CLAMPS

Made of specially heat-treated malleable iron. Screws are fitt swivel heads and sliding cross

Stock No.	
205-141E50	1" Throat
205-142E60	2" Throat
205-142½E120	2½"
205-143E140	3"
205-144E260	4"
205-145E320	5"
205-146E360	6"
205-148E550	8"

HANDY BAR CLAMP

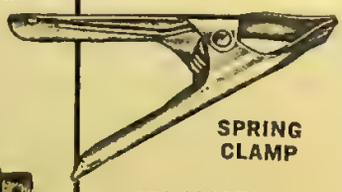
Clamp jaws are red finish wroug . . . open to 6". 1" bar and adju are polished steel. Quick-action

200-157E150 6" Capacity . . .

STYLE 50 "PONY" BAR-CLAMP

For ordinary ¾" pipe . . . no ass just screw to pipe threads. M disc clutch. Rapid action. ⅝" screw; clamp faces 1¾" sq.

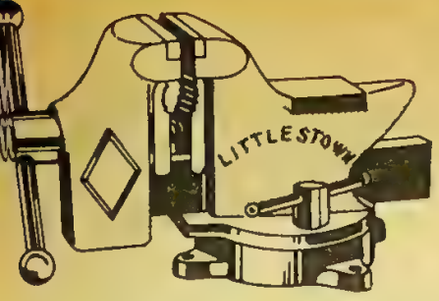
206-50E540 For ¾" pipe
206-52E430 For ½" pipe



SPRING CLAMP

Husky but weight clan on or off onds. Has hu of uses in in shop, ho school. Te steel springs

350-892AE60 1¼" opening . . .
350-892BE100 2" opening . . .
350-892CE170 3" opening . . .



LITTLESTOWN WORKSHOP VISE

–proofed finished heavy over-size steel parts removable steel insert jaws. Pipe jaws incl.

Stock No.	Jaw	Opening	Weight*	Price
2[illegible]5E1260	3⅝"	4¼"	20 lbs.	$ 9.50
4100E1980	4⅛"	5"	28 lbs.	14.80

[illegible]st be shipped via REX or truck.

DRILL PRESS VISE

[illegible]xed and movable jaws have parallel faces. Re[illegible]ovable swivel jaw. Base rails have 2 holes [illegible]pped ⅜"—20 for fastening to bench, plus hand [illegible]crew for clamping. Jaws, sides, base and bearing [illegible]urfaces accurately machined. All other faces [illegible]lack enameled.

[illegible]03-217E1700 2⅜" jaw $12.79

MACHINIST'S VISE

Effective swivel base allows vise to be swung [illegible]reely and locked in any desired position. Steel [illegible]clamping nut operates forged steel bolt with teeth [illegible]that mesh into gear-like corrugations in base [illegible]plate to form positive lock. Position of work can [illegible]bee shifted and it can be held at different angles [illegible]without removal from vise. Malleable iron un[illegible]breakable castings. Steel handle balls forged from [illegible]handle stock. Self-lubricating graphite bronze [illegible]bearing. Hardened tool steel replaceable jaw [illegible]faces. Sizes large than 5 inches have 2 swivel [illegible]clamping nuts.

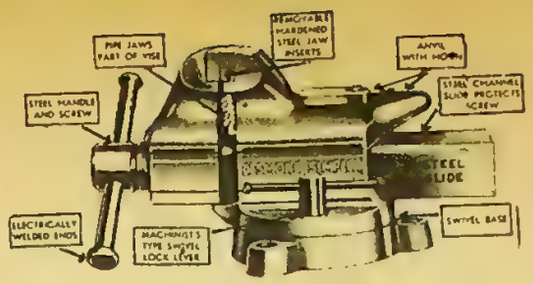
3[illegible]51-623E7460	3"	4"	25	$ 46.50
3[illegible]51-6231½E8640	3½"	5"	34	54.00
3[illegible]51-624E10400	4"	6"	42	65.00
3[illegible]51-624½E12720	4½"	7"	55	79.50
3[illegible]51-625E16640	5"	8"	70	104.00
3[illegible]51-626E27720	6"	10"	106	167.00

RIGID VISES

Bench yoke vises with handy pipe rest and bender. Red yoke, base of malleable iron. Steel jaws.

⅛ to 1¼" Vise
303-20E1930 $14.50

⅛ to 2" Vise
303-21E2930 $22.00

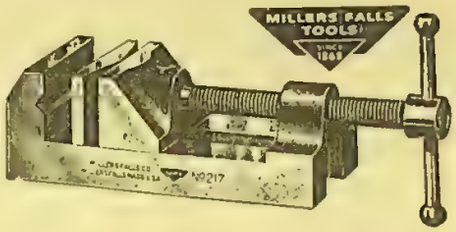


SIMPLEX UTILITY VISE

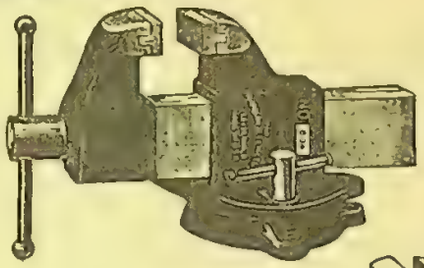
Removable hardened steel jaw inserts with pipe jaws built-in. Jaws 5" wide—open 5". Steel channel slide protects screw. With swivel base, anvil with horn, swivel lock lever, steel handle.

303-500E3700 24 lbs. $27.80

*Must be shipped via REX or truck.



Starrett®

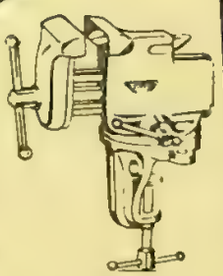


BRINK & COTTON VISE

Clamp-on type vise with body of grey iron. Jaws accurately machined. Guide rods and screw are all steel.

Vise—1¾" Jaws
205-149E340 ..... $2.50

Vise—2½" Jaws
205-150E480 ..... $3.60

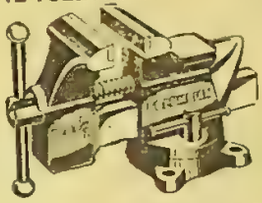


COLUMBIAN QUALITY VISES

GYRO VISE

For every home or shop job. Stands upright or lays flat on either side. Rotates on base, locks automatically in any position. Smooth, positive-grip, mar-free jaw faces 3½x2½" jaws - 5" opening. ⅛-1½" capacity. 16½ lbs.

312-73E2180 ..... $16.40



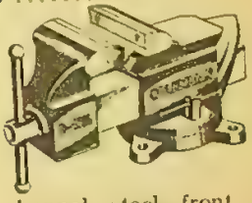
Built-In Pipe Jaws

HOMESHOP VISE

Replaceable Steel jaw faces with extra-heavy beam. Balanced castings. Polished, Red finish extra-large back jaw anvil and anvil horn. Cold-rolled steel screw, slip-proof collar. Positive-locking swivel base. Wt. 13 lbs.

3½" Jaw with - 4" Opening
312-D33½E1490 ..... $10.70

HEAVY WORKSHOP VISE



Heavy-duty channel steel front jaw beam covers screw. Extra large back jaw anvil and anvil horn. Cold-rolled steel screw. Handle balls forged from handle stock. Replaceable malleable iron nut. Acme thread. Replaceable heat-treated steel jaw faces. Permanent pipe jaws, positive "Tri-Grip" design. Positive locking swivel base, slip-handle lock nut. Polished jaws and anvil, bright red finish.

312-44E3080	4"	5"	27 lbs.*	$23.10
312-D45E3700	5"	6"	38 lbs.*	27.80

*Must be shipped via REX or truck.

VISE-GRIP C-Clamp

EASY RELEASE!

Clamps Easier, Faster . . . Has More Uses Than Any Other Clamp

• Quick Lock-On Action
• Greater Jaw Reach

VISE-GRIP C-CLAMP

[illegible]ow! A C-Clamp that adjusts to the [illegible]ght opening before use! . . . then [illegible]OCKS with just a squeeze of [illegible]ee hand. Has a tremendous grip! [illegible]ets user hold work with one hand, [illegible]pply Clamp with the other. Reaches [illegible]round any shape — angle iron, I-[illegible]eams, etc. Jaws adjust from 0" to [illegible]¾".

0[illegible]1-11RE446 ..... $3.35

VISE-GRIP Welding Clamp

EASY RELEASE!

• Locks in Perfect Alignment
• Frees both Hands

VISE-GRIP Welding Clamp

Makes small welding jobs, fender welding, etc., a quick, easy one-man operation! Jaws lock to the work with powerful grip. Parts are held in perfect alignment. Deep-throated U-shaped jaws provide visibility, working space. End screw adjusts jaws up to 1⅝". Adaptable for soldering, riveting, etc. as well.

301-9RE446 2¾" jaws $3.35

VISE-GRIP Sheet Metal Tool

EASY RELEASE!

VISE-GRIP VISE GRIP

Sheet Metal Tool

• Powerful Non-Slip Grip
• No Tiresome Hand Gripping

Does all kinds of bending, forming, crimping and straightening. Ideal for holding templates, holding work for soldering, riveting, etc.—also for duct work and ideal for upholstery work. 8" long, 1¾" throat, 3⅛" jaws. With easy release.

301-8RE446 ..... $3.35

MARSHALLTOWN QUALITY TROWELS FOR EVERY PURPOSE

CURVED HANDLE

XTRALITE CEMENT FINISHING TROWELS

Same fine quality of design and construction as the trowel above, but with basswood handle shaped with a curve for those who find a curved handle easier to use. Has the same spring steel blade and strong, light aluminum mounting as above. Handle is held firmly by a brass nut and washer.

MXS62E700 12x4" size $5.25
MXS64E760 14x4" size 5.70

BRICK TROWELS

PHILADELPHIA PATTERN. Forged in 1 piece from highest grade trowel steel; tempered, taper ground, hand smithed and polished. Straight post with handle set for correct balance. 6" handle is securely attached. Polished steel ferrule.

501-1910E700 10x5" size $5.25
501-1910½E700 10½x5¼" size 5.25
501-1911E700 11x5½" size 5.25

LONDON PATTERN

Sharper taper on heel in London Pattern . . . preferred by many. Same construction as trowel above: 1-pc. forged from top grade trowel steel; tempered, taper ground, hand smithed and polished. Straight post with 6" handle set for correct balance and securely attached. Polished steel ferrule.

501-3311½E700 11½x5" size $5.25
501-3312E700 12x5" size 5.25
501-3313E870 13x5⅜" size 6.50

TILE SETTERS TROWELS

Forged in one piece from highest grade of trowel steel, tempered, ground and polished. Securely attached hardwood handle with polished steel ferrule. Handle is properly set for best possible angle to assure good balance. Quality made throughout to Marshaltown's exacting standards.

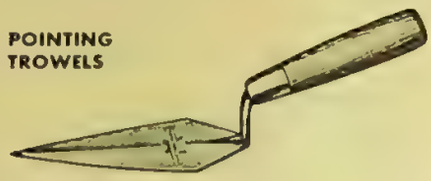
501-57E430 7x4⅜" size $3.20

XTRALITE PLASTERER'S FINISHING TROWEL WITH CURVED BASSWOOD HANDLE

Same top quality design and construction as the trowel above, but this one has a curved California handle made of basswood. Same choice of 5 sizes as above.

MXS1E700 11x4½" size $5.25
MXS2E700 11½x4½" size 5.25
MXS3E700 11x4¾" size 5.25
MXS4E700 11½x4¾" size 5.25
MXS7E700 12x5" size 5.25

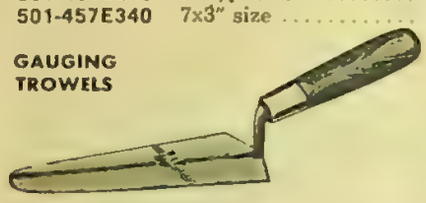
POINTING TROWELS



Forged in one piece from highest grade trowel steel that is tempered, ground and polished. Sturdy hardwood handle is firmly set in at proper angle for good balance. Has polished steel ferrule. Choice of 3 sizes.

501-455E240 5x2½" size $1.80
501-456E240 6x2¾" size 1.80
501-457E340 7x3" size 2.50

GAUGING TROWELS



Forged in one piece from highest grade trowel steel, tempered, ground and polished. Hardwood handle with polished steel ferrule.

501-48E400 7x3⅜" $3.00

MARGIN TROWELS

One-piece forged from finest trowel steel, tempered, ground, polished. Hardwood handle.

501-52E240 5x2" size $1.80
501-54E240 5x1½" size 1.80

Curved Handle

CEMENT FINISHING TROWELS
With Malleable Iron Mounting

Same fine quality and construction as trowel above, with spring steel tempered, ground and polished blades, stiff malleable iron mounting. Differs in its wood handle with its curve shape.

MCS62E660 12x4" size $4.9
MCS64E720 14x4" size 5.3
MCS66E810 16x4" size 6.0
MCS67E810 16x3½" size 6.0

TUCK POINTERS JOINT FILLERS

Pronounced taper, high shank style.

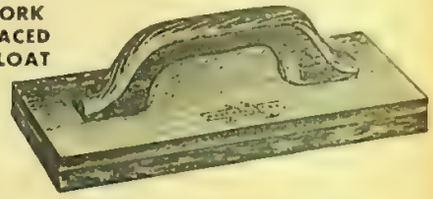
501-503E260 6½x¼" size $1.9
501-504E260 6¾x5/16" size 1.9
501-505E260 6¾x⅜" size 1.9
501-506E260 6¾x½" size 1.9
501-507E260 6¾x⅝" size 1.9
501-508E260 6¾x¾" size 1.9

ALUMINUM HAWKS

Made of 12-gauge hard-rolled aluminum with smooth, straight edges, rounded corners. Strong 3¾" diam. flange is fastened with 4 aluminum rivets and threaded for the 5" detachable handle with its corrugated, threaded bolt. With sponge rubber callous preventer.

501-1E470 13x13" size $3.55

CORK FACED FLOAT



Select cork face is ¾" thick, glued to a firm wood back ½" thick. Equipped with a smooth wood handle.

501-41E470 12x5" $3.50

GENERAL PORTABLE VACU-VISE

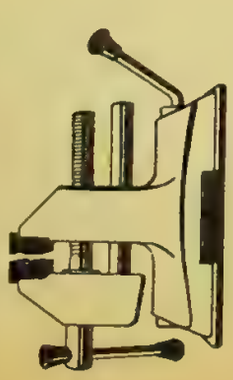
NO SCREWS—NO CLAMPS ATTACHES INSTANTLY WITH "SUPER-VACUUM" POWER!

Holds firmly in any position . . . can be attached to almost any smooth surface . . . metal, glass, porcelain, linoleum, formica, etc.

For the workshop, garage, boat or home. Portable take it directly to the job . . . attaches instantly and holds securely to any smooth, non-porous surface . . . easy to store in tool chest, locker, closet when not in use.

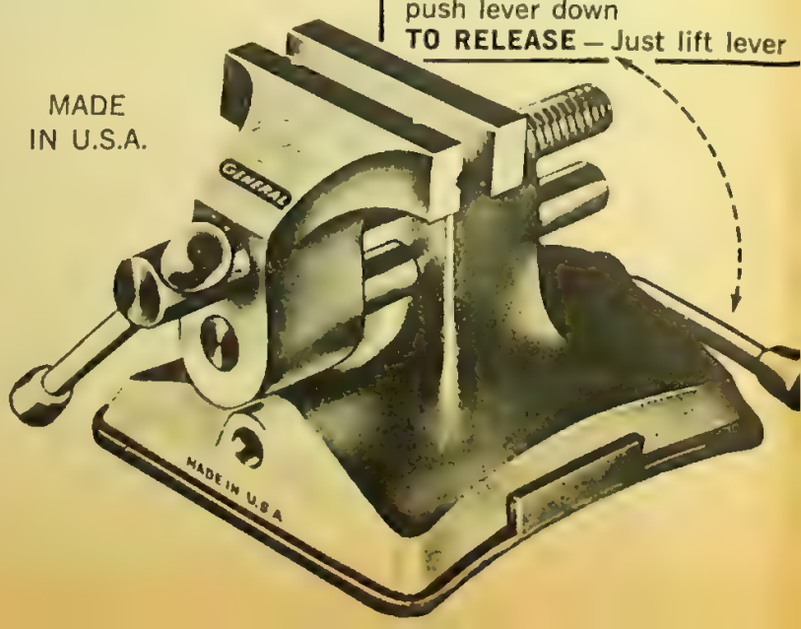
A must for all service men, electricians, hobbyists, mechanics and do-it-yourselfers. Sturdily constructed casting with 2½" V-groove steel jaws which open to 2". Base size 5" wide, 4" deep and 4" high.

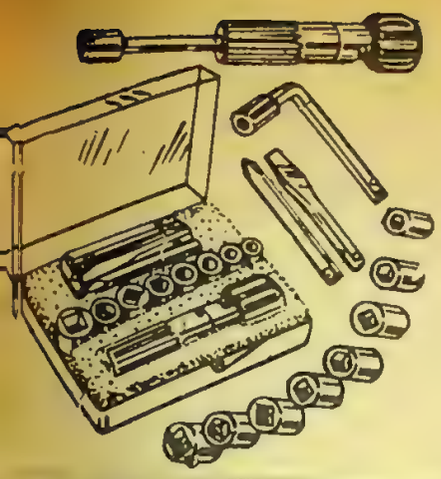
350-1800E1000 ..... $6.95



MADE IN U.S.A.

TO ATTACH—apply slight pressure to top of VISE and push lever down
TO RELEASE—Just lift lever

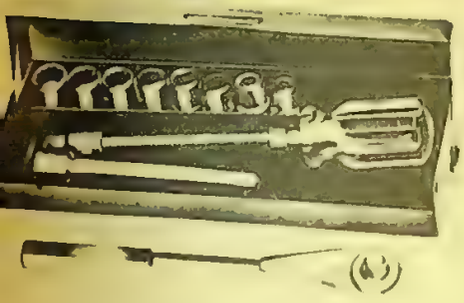




SOCKETOOL UNIVERSAL RATCHET HEAD
Complete Set

The most versatile set ever! Handles carriage bolts, machine bolts, wood cap screws, machine or sheet metal or lag screws—any style head, slotted, recessed, square or hex. Reaches everywhere—operates in **offset** or **straight** position. Efficient . . . speedy. Has Universal **Ratchet Head** that works left or right or locked. For household, farm, hobby use. Contains Shelton suregrip ratchet handle, straight and offset hex adapters, 5 hex and 3 square sockets, Tool steel screwdriver bits for slotted screws and Phillips head screws. In durable, gift case.

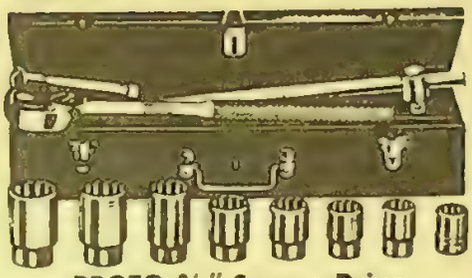
325-ST1E440 ..... $3.15



11-Pc. Socket Set—1/4" Drive

High Quality Socket Set With Closed Ratchet At a Low, Low Price! For those who want quality *and* economy. Set includes reversible ratchet with 1/4" flex drive, has extra-large plastic handle; extension; 8 precision sockets from 3/16 to 7/16", graduated by 32nds, all accurately broached, made of tool steel, hardened, tempered, chromed. In steel box.

309-3942E660 ..... $4.98



PROTO 3/4" Square Drive SOCKET WRENCH SET

The extra length of the handle of this socket set makes it especially useful for mechanics and industrial workers who need strength, speed and safety on tough jobs. Made of chrome plated alloy steel. Set includes 20" reversible ratchet, 8" extension, 18½" sliding handle, 8 sockets—1 1/16", 1 1/8", 1 1/4", 1 5/16", 1 3/8", 1 7/16", 1 1/2", 1 5/8", in steel box 22½"x8"x3¾".

400-5500E11700 ..... $82.50

7-PC. NUT DRIVER SET

Sturdy Steel Wall Bracket holds 7 assorted nut drivers. Each has unbreakable, shockproof, non-inflammable amber plastic handle and long-life steel blades. Long hollow shaft. Sizes from 3/16" to 1/2", with sizes stamped on shaft.

309-3897E550 ..... $4.50

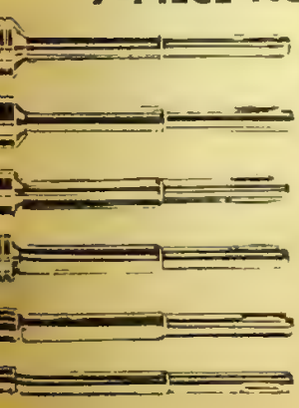
XCELITE NUT DRIVERS

Preferred by Mechanics — made of finest materials to last a lifetime. Chrome vanadium steel blades; shockproof, unbreakable plastic handles color-coded for easy identification.

310-5E170	Yellow	5/32	$1.25
310-6E170	Black	3/16	1.25
310-7E170	Brown	7/32	1.25
310-8E170	Red	1/4	1.25
310-9E170	Orange	5/32	1.25
310-10E170	Amber	5/16	1.25
310-11E170	Green	11/32	1.25
310-12E170	Blue	3/8	1.25
310-14E210	Brown	7/16	1.60
310-16E210	Red	1/2	1.60

7-PC. SET 3/16 to 3/8" on sturdy bench stand.
310-77E1360 ..... $11.00

7-PIECE NUT DRIVER KIT



Accurately broached for correct fit. Sizes are stamped on the blades for ease in choosing the one desired. Includes 3/16, 1/4, 5/16, 11/32, 3/8, 7/16" all with hardened and tempered steel tool blades, nickel plated for durability. Plastic handle is shockproof, non-inflammable and unbreakable. With handy storage pouch.

309-3822E350 ..... $2.95

SELF-ADJUSTING NUT DRIVER

The only driver that automatically adjusts to 15 nut and screw sizes. Exclusive chuck design permits driving or loosening hex nuts from 1/4"-7/16" across the flats, hex head screws from No. 6 - 1/4", and socket head screws from No. 8 to 5/16".

306-711E510 $3.85

WISS

VINYL GRIPS

- 10" Length
- Cuts up to 18 Gauge

Multiplied power. Has 52 serations to the inch! Makes easy work of cutting holes or tricky patterns. Vinyl grips.

314-M1RE660	Cuts left—1 3/8" cut	$4.95
314-M2RE660	Cuts right—1 3/8" cut	4.95
314-M3RE660	Cuts straight—1½"	4.95
314-M5RE660	Bulldog—7/8" cut	4.95

BLUE BIRD TOOLS

DROP FORGED CURVED SNIPS

Circular Pattern Duck Bill Snips for cutting scrolls, intricate work. **Blue Bird tinners' snips** are drop forged steel for strength, durability. Blades are hollow ground to guarantee a lasting keen edge, and heat treated for uniform hardness. **Fully guaranteed.** Every snip is accurately adjusted. Choice of 3 sizes.

316-207E340	7" long—2" cut	$2.58
316-210E250	10" long—2¼" cut	3.36
316-212E560	12¾" long—3" cut	4.20

BLUE BIRD DROP FORGED STRAIGHT SNIPS

Straight Pattern Snips for home, farm use. Cuts sheet metal, screening, chicken wire, linoleum, canvas, gaskets, etc. Every snip accurately adjusted.

316-007E320	7" long—2" cut	$2.38
316-010E400	10" long—2¾" cut	3.08
316-012E500	12¾" long—3¼" cut	3.74

STANLEY

METAL CUTTING SNIPS

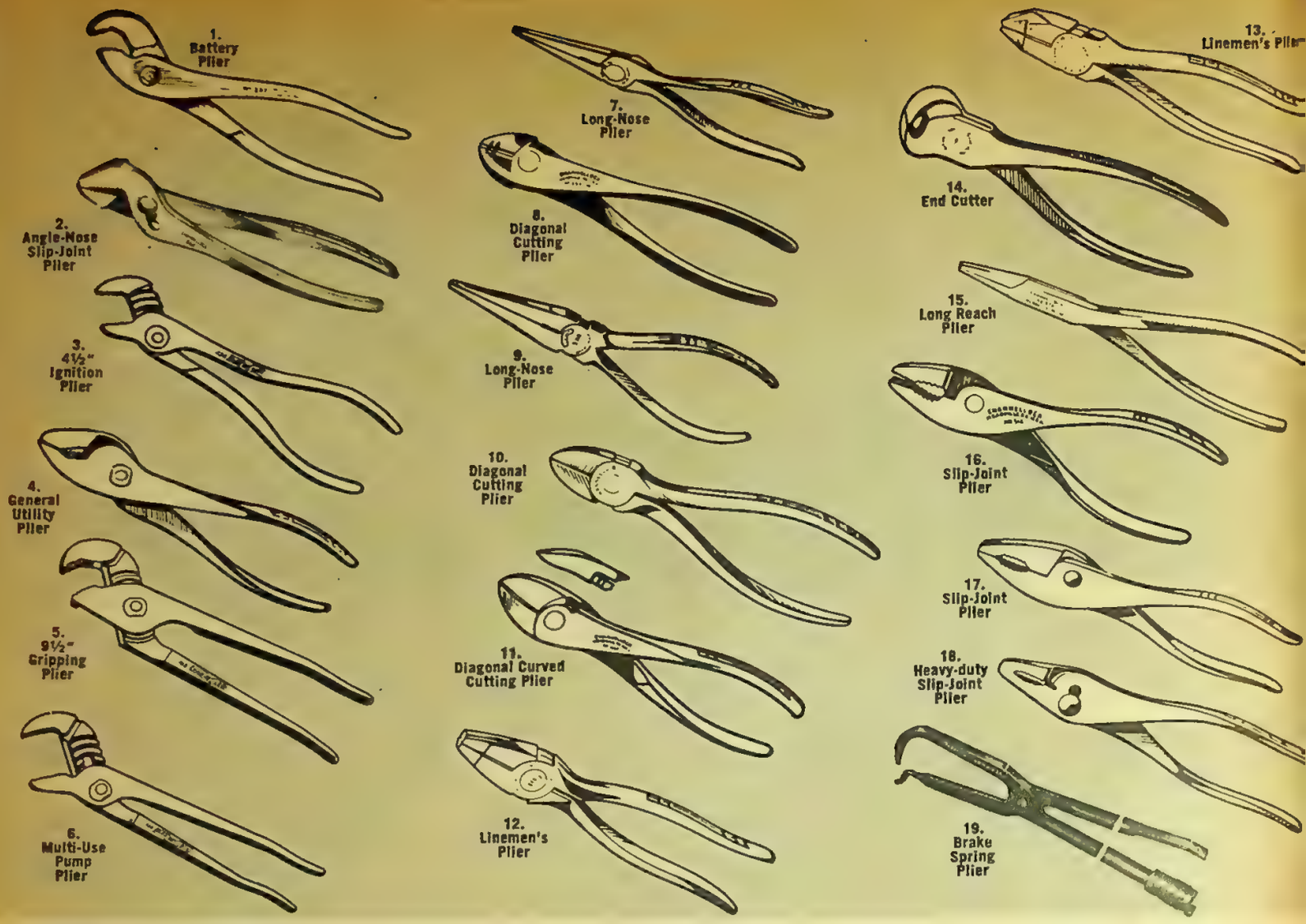
With Vinyl Grips. Compound leverage action delivers maximum cutting power to blades. Self-opening, spring action handles with tough plastic grips. Jaws are made of tough alloy steel with "hard chrome" plate that provides a long-life keen cutting edge.

200-1542E700	9¾" long—cuts left	$5.00
200-1543E700	10" long—cuts straight	5.00
200-1544E700	10⅛" long—cuts right	5.00

SNIPS CUT ALMOST ANYTHING

Cuts everything from metal to paper, including sheet metal, cloth, asphalt, rubber tile, wallboard, wire, cables, shingles, vines, etc. Use indoors or outdoors for hundreds of cutting jobs . . . in the house, farm or shop. Chromed handles, tool steel blades. Imported.

600-1444E240 8½" long $1.95



CHANNELLOCK WITH CUSHION GRIP HANDLES

Standard Pattern Pliers and Pliers with Patented Tongue and Groove Channellock joints. All are manufactured with precision of highest quality materials.

CHANNELLOCK Self-Gripping pliers have revolutionary, powerful grip . . . provides a quick, positive grip when pressure is applied to only one handle. Greater pressure increases grip. Exclusive tongue and groove joint is far superior.

Assures greater strength, longer wea closely-spaced adjustments, sel cleaning, visible adjustment, and r wear on joint bolt. Forged from hig grade steel, heat treated. All ste handles have plastic grips.

1. BATTERY PLIER. Lap joint. For auto mechanics. Blue finish. ¼ to ⅝ capacity.
302-307GE346 7" Plastic grips . . $2.60

2. ANGLE-NOSE PLIER. Slip joint. Extremely powerful grip. Polished steel.
302-568GE590 8" Plastic grips . $3.90

3. 4½" IGNITION PLIER. Four adjustments. Midget plier with powerful Channellock gripping and jaw adjustment ½" capacity.
302-424GE374 Plastic grips . . $2.80

4. GENERAL UTILITY PLIER. Three adjustments. Heavy-duty plier with extra powerful gripping. ⅞" capacity.
302-417GE590 Plastic grips . $3.90

5. GRIPPING PLIER. Four adjustments. Self-gripping, heavy duty and powerful, yet amazingly light, compact. 1⅛" capacity.
302-410GE546 9½" Plastic Grips $4.10

6. MULTI-PURPOSE PUMP PLIERS. Five adjustments. Undercut channels. Reinforced tension edge. Polished steel. Power-grip.

Stock No.	Lgth.	Capacity	Plastic Grips	Price
302-420EE466	9½"	1½"	No	$3.50
302-420GE506	9½"	1½"	Yes	3.80
302-426GE374	6"	1½"	Yes	2.80
302-430GE560	10"	2"	Yes	4.20
SMOOTHJAW PIERS—for plated fittings.				
302-415GE546	10"	2"	Yes	4.10

7. LONG-NOSE PLIER. 7/32 round point. Polished finish. Plastic grips. For electricians.
302-317GE572 7½" with Side Cutter $4.30
302-3017GE480 7½" without Side Cutter . 3.60

8. DIAGONAL CUTTING PLIER. Lap joint. Has plastic grips. Polished steel finish.
302-337GE506 7" with cutting edge only . . $3.80
As Abv. with 2 notches to strip 12, 14 gauge wire.
302-337WGE574 $4.30

9. LONG-NOSE PLIER. 7/32 round point. Polished finish. Plastic grips. For electricians.
302-326GE534 6" with Side Cutter $4.00
302-3026GE440 6" without Side Cutter 3.30

10. DIAGONAL CUTTING PLIER. Box joint. Popular plier with automobile and airplane mechanics. Polished steel finish. Plastic grips.
302-435GE480 5" $3.60
302-436GE534 6" 4.00
302-437GE586 7" 4.40

11. CURVED DIAGONAL CUTTING PLIER. Lap joint. Plastic grips. Jaws are curved back.
302-447GE600 7" $4.50

12. LINEMEN'S PLIER. Rounded nose. Has side cutter Polished finish. Plastic grips. For electrical maintenance.
302-346GE534 6" $4.00
302-347GE586 7" 4.40
302-348GE734 8½" 5.50

13. LINEMEN'S PLIER. With bevel nose, si cutter. Plastic grips. For electrical maintenan
302-3046GE534 6" . . . . . $4.
302-3047GE586 7" . . . . . 4.
302-3048GE734 8½" . . . . . 5.

14. END CUTTER. Plastic grips. 2 sizes.
302-356GE520 6" . . . . . $3.
302-357GE586 7" . . . . . 4.

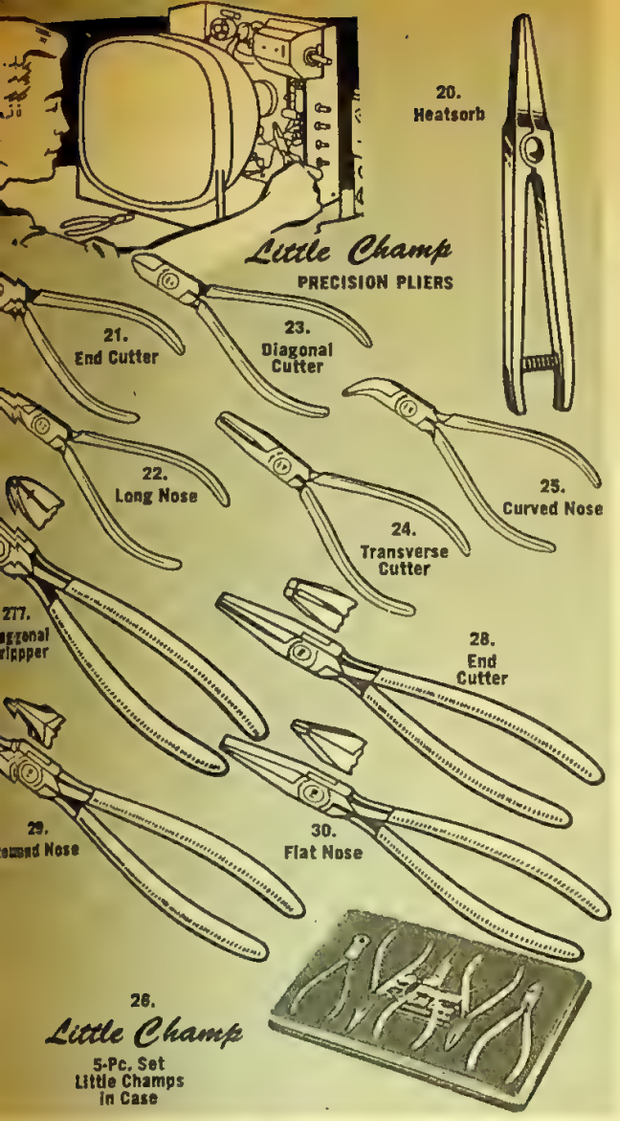
15. LONG REACH PLIER. For carburetor, offi machines, radio. Plastic grips.
302-378GE494 8"—Duck Bill . . . . . $3.
302-3078GE494 8"—Needle Nose . . . . . 3.

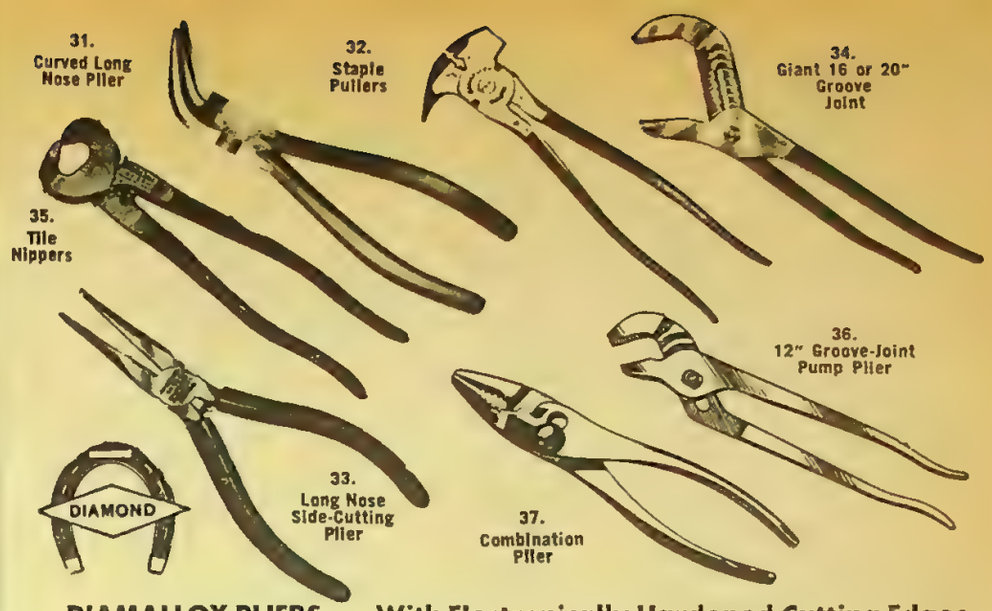
16. SLIP-JOINT PLIER. Thin Nose. Polished ste plastic grip. For car owners, mechanics.
302-516GE346 6" . . . . . $2.

17. SLIP-JOINT PLIER. With side cutter. A around steel tool with plastic grips.
302-537GE586 7" . . . . . $4.

18. SLIP-JOINT PLIER. Heavy-duty, with sid cutter. Two adjustments. For lifetime use.
302-546GE386 6" . . . . . $2.
302-548GE480 8" . . . . . 3.
302-5410GE546 10" . . . . . 4.

19. BRAKE SPRING PLIER. With Bendix Fittin Smooth black finish. Equally efficient for stan ard or Bendix brake spring arrangements.
302-614E560 14" . . . . . $4.





DIAMALLOY PLIERS . . . With Electronically Hardened Cutting Edges

31. **CURVED LONG NOSE PLIER.** Full polished head and finely serrated jaws. Long nose bent 90°. Plastic dipped handles.
304-CN56PE590 6" **$4.20**

32. **STAPLE PULLERS.** For use on metal or wood posts. Needs no other tool. Heavy lock-joint construction with oval-faced jaws . . . starting and pulling point on one jaw, corrugated hammer head on other. Wire cutter on each side. With wire stretcher in back of joint, lug-lifter, staple puller and wire splicer in front. Natural blue metal finish with knurled handles. Head highly polished.
304-R510E530 10" Long **$3.70**

33. **LONG NOSE SIDE-CUTTING PLIER.** Very fine tips for electric and hobby work. Coil spring. Jaws diamond scored. Plastic grips.
304-SN56PRE620 6" Long **$4.40**

34. **GIANT GROOVE JOINT.** The largest size of its type made. Power-grip for big conduits, pipes. Plastic grips.
304-116PE740 16" lg., 4½" capac. **$5.60**
304-120PE1070 20" lg., 5½" capac. **8.00**

35. **TILE NIPPERS.** For cutting mosaic, ceramic or glass tiles. Edges do not come together. With plastic covered handles.
304-GT28E460 8" long **$3.30**

36. **GROOVE - JOINT MULTI - PURPOSE PUMP PLIER.** With undercut channels, reinforced tension edge. Terrific gripping power. With plastic grips. 2⅛" *capacity.*
304-112PE610 12" long **$4.40**

37. **COMBINATION PLIER.** Chromed alloy steel. For heavy duty. Sharp milled teeth, wire cutter, knurled handles.
304-K15E170 5" long **$1.30**
304-K16E190 6" long **1.40**
304-K18E250 8" long **1.80**
304-K110E340 10" long **2.40**

CHANNEL LOCK

ELECTRONICS PLIERS

LITTLE CHAMP PRECISION PLIERS by CHANNELLOCK

Finest quality precision pliers for delicate bench work, especially for work in electronics, model making, invention, jewelry, watch repair. Polished steel. Cushion grip handles.

20.	302-46E200	5" Heatsorb Clamp	$1.50
	302-47E520	(Not shown) 4¾" Long nose w/Side Cutter	4.20
21.	302-42E510	4" End Nipper	3.80
22.	302-43E430	4¾" Long Nose	3.20
	302-44E440	(Not Shown) 4¾" Flat Nose	3.30
	302-45E460	(Not Shown) 4½" Round Nose	3.40
23.	302-41E480	4¼" Diagonal Cutter	3.60
24.	302-48E520	4¾" Traverse End Cutter	3.90
25.	302-49E510	4½" Curved Needle Nose	3.80

26. **5-PIECE SET IN CASE.** Contains diagonal, long nose with cutter, nipper, flat and round nose "Little Champ" pliers all nested in a velvet-lined, dark blue plastic case. All are highest-grade forged steel with full polished finish. For hobbyist and mechanics.
302-4210E2400 5-Pc. Set in Case **$18.00**

LONG REACH PRECISION PLIERS by CHANNELLOCK

Especially designed for fine electronic work. With extra long and slender reach, precision matched jaws, hand-honed and hardened cutting edges. Easy-handling with special blue plastic grips. Styles for every purpose.

227.	302-728E560	8" Diagonal Stripper	$4.20
228.	302-748E510	8" End Cutter	3.80
229.	302-738E460	8" Round Nose	3.40
330.	302-718E460	8" Flat Nose	3.40

Quality Cutting Tools

38. **Parallel Action Pliers and Cutter.** Double pivot action provides twice the gripping power of ordinary pliers—enough leverage to cut through virtually any metal. Won't chew up or round off nuts — jaws remain parallel at any opening.
900-402E640 6½" long **$4.70**

39. **CARPENTERS PINCERS.** Extra leverage from rounded head. Electronically hardened cutting edges withstand severest cutting jobs . . . insure lasting toughness. Drop forged from finest steel.
307-328E360 8" long **$2.60**

40. **HEAVY DUTY CUTTING NIPPER.** Cuts large nails and wires. Drop forged from high quality steel, heat treated and tempered to great toughness. Stops . . . prevent edges from dulling each other.
307-312E490 12" long **$3.50**

KRAEUTER PLIERS

41. **5" RADIO AND IGNITION NOSE-CUTTING PLIERS (cross coil spring)** With cutters ¼" long, ¼" from tips. Designed to reach into tight spots and grip or cut small wires. Useful in precision wiring where ordinary pliers are too bulky. Milled tip: With Cushion Grip handles.
315-36535E640 5" long **$4.80**

42. **4½" NEEDLE POINT DIAGONAL CUTTING PLIERS (cross coil spring)** For soft wire only. Fine, exact cutting tip. Flush edge for close, square cut. Cutting edge specially designed to facilitate resharpening and maintenance of cutting tip alignment. With Cushion Grip handles.
315-20101E670 4½" long **$5.00**

WHITE FACE POCKET TAPES

Most practical tape for measurements in production and maintenance. Chrome plated die cast case, ½" tempered spring steel blade with jet black markings on snow white background.

355-65E120 6 foot $ .90
355-125E200 12 foot 1.50

LUFKIN or STANLEY "MEZZURALL" White-Clad ½" Tapes

Jet black marking on white clade blade. Self adjusting end hook slide.

354-926E180 6' $1.40
354-928E220 8' 1.65
354-9210E260 10' 2.00
354-9212E300 12' 2.30
532-115WE400 15' 3.00

DISSTON CARLSON "SUPER CHIEF"

Extra strong, extra-long for 1-man measurements. 2½" case is 6¾ ozs. light. 16-ft. long, ¾" wide white blade graduated in 16ths. Crank rewind. Bonderized blade finish is acid, rust, crackproof.

201-416E530 16' .. $4.10

ALL-IN-ONE LEVEL SQUARE TAPE

Accurate, unbreakable level in top, built-in square, 10-ft. white-face rule. Accurate sliding end hook for inside, outside measures. Die-cast, chromed finish. Made by K & E.

352-7407E280 10' 1.98

EVANS INSIDE-OUTSIDE TAPE

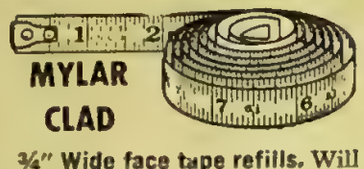
See inside measure thru magnifying wi in top. 12-ft. mylar ester coated blades ed both sides. Chr guides. Trichrome c

533-TV12E340 ½"
533-TV12KE490 ¾"

REPLACEMENT TAPE BLADES

Evans, K&E, Lufkin, Stanley. Heavy duty long lasting ½" blades graduated in ⅛th and 1/16ths. Fits most tapes where old blades are removable.

354-R6E120 6-foot..... $1.00
354-R8E140 8-foot..... 1.10
354-R10E150 10-foot..... 1.20
354-R12E160 12-foot..... 1.40
533-115RE200 15-foot..... 1.50



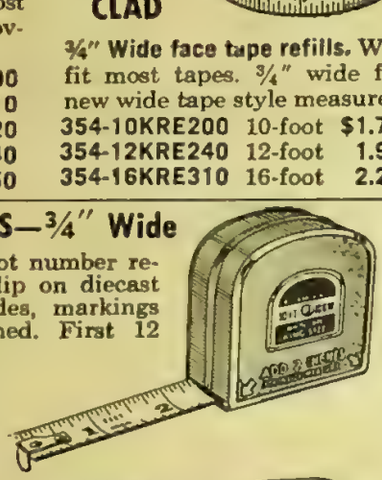
MYLAR CLAD

¾" Wide face tape refills. Will fit most tapes. ¾" wide for new wide tape style measures.

354-10KRE200 10-foot $1.70
354-12KRE240 12-foot 1.90
354-16KRE310 16-foot 2.25

PUSH-PULL KING SIZE TAPES—¾" Wide

Black markings by 16ths *plus* foot number repeated each inch in red. Belt clip on diecast cases, self-adjusting hooks. Blades, markings protectively LUFKOTE finished. First 12 inches in 32nds.



Available by LUFKIN or STANLEY

354-9310E400 10-foot ...$3.35
354-9312E460 12-foot ... 3.90
354-9316E590 16-foot ... 4.40

NEW THIN TAPE ¼" WIDE

Inside-outside measurer, thin as a watch . . . light and small for pocket or purse carrying. ¼" tempered and bonderized blade is white, black marked. Chromed 2" case.

355-T65E140 6-foot $1.00

CARLSON LONG STEEL TAPES ⅜" WIDE

All metal. Automatic tape brake. Non-friction wind can't jam. Take-apart case. Chromed, die cast, all metal case.

201-525E640 25-foot .$4.80
201-550E770 50-foot . 5.80
201-5100E1060 100-foot . 7.95

EVANS NEW POWER FIFTY

Automatically rewinds with a touch of a button. Molded, long-life nylon motor . . . permanently lubricated. Zinc plated steel case covered with vinyl leatherette. ⅜"-wide.

533-PT50WE1000 50-Foot $7.50

K&E WYTEFACE TAPE—⅜" WIDE

Vinyl covered sturdy welded teel case. Marked in ft., in., & 8ths. Available by K&E or STANLEY.

352-7380E660 25-foot .$5.50
352-7382E780 50-foot . 6.30
352-7385E1080 100-foot . 8.90

SPECIAL WHITE TAPE

⅜" wide tempered spring steel tape is white, marked at 8ths in black. Heavy case.

604-950E480 50' $4.00
604-9100E700100' $6.00

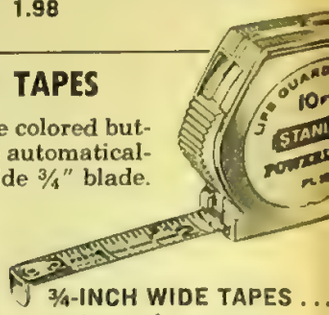
K&E ENGINEERS' LONG TAPES

Edge marked in 10ths, 100ths, foot marked at each inch. Vinyl-covered zinc-plated steel case. ¾" blade.

352-EN50E840 50-foot $6.50
352-EN100E1200 100-foot 9.00

STANLEY POWER TAPES

Pull out blade . . . gently press the colored button . . . blade glides back into case automatically! Choice of ½" blade or new wide ¾" blade.



½-INCH WIDE TAPES . . . with automatic power return. Two-inch chrome plated die cast case. ½" rugged steel blade is bright (Mylar) finished, black-marked in 8ths, 16ths, and in 32nds for the first 6 inches.

354-726E230. 6-foot ..$1.80
354-728E260 8-foot .. 2.25
354-7210E310 10-foot .. 2.60
354-7212E350 12-foot .. 3.00

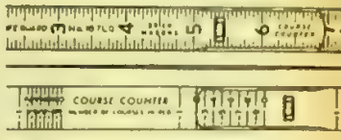
¾-INCH WIDE TAPES . . . automatic power re Same features as tapes a but wide blade that stan straight for hard-to- measurements.

354-7310E420 10-foot
354-7312E500 12-foot
354-7316E660 16-foot
Available by LUFKIN STANLEY.

LUFKIN 6-FT. WOOD RULE

Finest made. Red ends, etched black markings on white. Coil springs, brass strike plates.

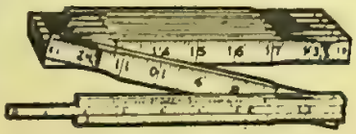
Stock No.	Readings	Price
354-066E300		$2.25
354-066FE300		2.25
STANLEY		
200-106E280	Outside	2.10
200-106FE280	Inside ..	2.10
200-108E400	8-Ft. Outs	3.00



ZIG-ZAG RULE

Rugged Brick Masons rule inch markings outside, space scale inside. 6"

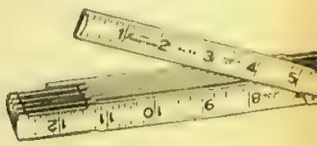
354-636E360 .....



LUFKIN EXTENSION RULE

Carpenter's favorite . . . handy 7" brass extension, brass strike plates. Maple. Coil springs.

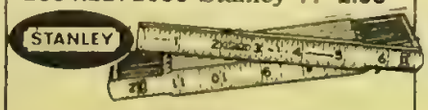
354-X46E440 Lufkin . .$3.25
200-X227E380 Stanley .. 2.90



STANLEY HANDYMAN RUL

Straight grain hardwood m in 16ths and inches; stud ings every 16". Brassed joints, tips.

200-96E160 6-foot .....



"LIFE GUARD" RULES

Yellow "Life-Guard" finish protects surface . . . markings last 20 times longer. In 16ths and inches. Brassed joints, tips.

200-6LGE280 6-foot ...$2.10
As Above, with 6" extension.
200-X6LGE400 6-foot ...$3.00

HEAVY DUTY RULE

Concealed joints, perman lubricated. Plastic coated wood . . . inside markings, stud markers every 16". W

200-B6E310 6-foot .....

EXACT FEATHERLITE LEVEL

Extruded Magnesium Level . . . strong 1-pc. frame. Stabilized to prevent shrinkage or warpage—unaffected by heat or cold. Large vial opening for easy reading of genuine Pyrex glass shock-resistant vial. Four plumb, two level vials for practical versatility. Light in weight for easy handling.

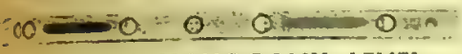
5006-FL24E1240	24"	6 vials	$ 9.21
5006-FL28E1420	28"	6 vials	10.55
5006-FL48E2290	48"	6 vials	17.20
5006-FL72E3550	*72"	10 vials	26.65
5006-FL78E3800	*78"	10 vials	28.86
5006-FL96E4700	*96"	10 vials	35.52

*Shipped via REX or truck.

HUSKY ALUMINUM LEVEL

Die cast, lightweight aluminum with accurate, matched easy-read vials set in special moisture-proof compound. Includes 6 vials . . . 4 plumb and 2 level. Precise instrument, and amazingly light for ease in handling.

Stock No.	Length	Price
5606-E18E880	18"	$7.40
5606-E24E1100	24"	8.29
5606-E48E2300	48"	17.22



PRECISION MAHOGANY LEVEL
Full Brass Bound

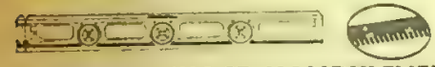
Select, seasoned mahogany, 48" long with 6 vials—4 plumb, 2 level. Clear glass vials, protected by heavy oval crystals.

5604-AH48E1880	48"	$12.95
5604-AH24E1190	24"	9.95

AMERICAN BOUND LEVEL

Kiln-dried mahogany, new double angle brass channels welded to wood. Accurate matched vials—4 plumb, 2 level. All brass bound. Brass end plates.

5005-50B48E2740 48" Long $20.50



ALUMINUM EXACT HANDYLEVEL

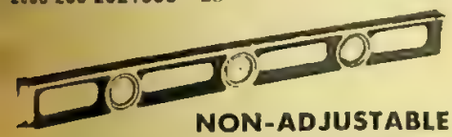
Lightweight . . . made of one piece aluminum. Accurate. With ruled working edge. 3 vials.

2000-524E550 24" $4.00

STANLEY 100 PLUS LEVELS
Aluminum

6 vials fully adjustable in pairs or singly at any point in the circle or any angle for degree of pitch to the foot. Protective cover.

2000-233-24E1510	24"	$10.80
2000-233-28E1690	28"	11.80



NON-ADJUSTABLE STANLEY ALUMINUM LEVELS

Precision cast aluminum with solid set vials. 2 double plumbs, 1 double level. Protective window glasses have rubber gaskets.

2000-313-24E1190	24"	$ 8.50
2000-313-28E1330	28"	9.50

STANLEY 9" TORPEDO ALUMINUM LEVEL

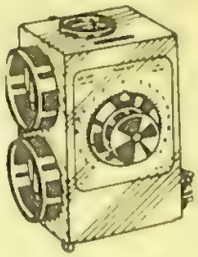
Half-round groove on bottom for use on pipe and tubing. Has one plumb, one 45° plumb, one level. Finest die-cast wear-resistant alloy. Fully enclosed and streamlined.

200-264E420 9x1¼x⅝ $3.15
200-364E600 Magnetic 4.50

9-IN. TORPEDO LEVEL

Made of the finest genuine mahogany or walnut . . . polished and waterproofed with natural finish. With one plumb and one level built in. 9 x 1⅜ x ¾".

200-1292E260 . . . . $1.90



SPLIT IMAGE TRANSIT

Revolutionary Level & Incline Measure! Simple, yet accurate indicates level and incline down to a fraction of an inch. Shows correction needed . . . one-man type. Measures thinness of a dime at 25 ft.

525-G2DE800 Transit only . . . . $ 6.59
525-G2D101E1570 W/leather case 10.54

TARGET LEVEL

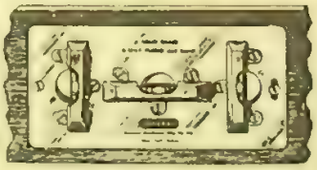
When the bubbles in the bullseye, it is level . . . levels in all directions. 1¾" diam. Accurate, shockproof . . . virtually indestructible. Plexiglass Acrylic plastic. Crystal-clear.

506-83E140 $1.00

DEVIL LEVEL

Measures roof pitches, plans drainage of patios, yards, pipe at a glance. Dual calibrated level may be barmounted for longer sweep. Back calibrated for pitch rise.

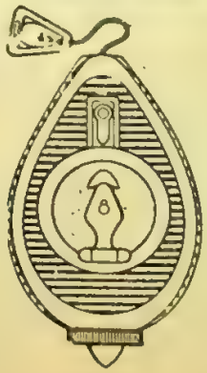
600-679E140 . . . . . $1.00



3-WAY PLUMB & LEVEL

For the carpenter, builder or mason. Attaches easily to any straight edge or plumb. Fully adjustable. 6 x 3". Made of solid brass for durability. Includes 2 plumbs and 1 level. Precision tool.

350-845E450 . . . . $3.30



EVANS CHALK-PLUMB LINE

Marks any surface . . . wood, brick, stone, metal. Die cast aluminum case for light weight. Slide-action and hook ring for true plumb-bob action. Hook release is automatic on rewind. Opens quickly to refill with powder. Locked . . . it is leakproof.

533-CL50E220 50-ft. $1.70
533-CL100E250 100-ft. 1.90

Blue Chalk Refills for above.

533-C10E220 Box of 12 1-oz. bags $1.50
533-C8E100 8-oz. box of chalk . . .60

3-INCH LINE LEVEL

Handy . . . lightweight aluminum level. Hangs on line or can be used on horizontal surface. Clear-reading etched vials. Exact . . . for accuracy.

200-187E140 . . . . . $1.00

ALUMINUM TORPEDO LEVEL

Stanley lightweight aluminum level of finest die cast alloy that is fully enclosed and streamlined. 3 vials: 1 plumb, 1 level, 1 45° plumb.

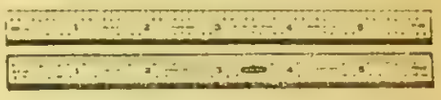
200-1291E350 9" $2.50

GENERAL

STAINLESS TEMPERED STEEL 6 INCH RULES

For mechanic, hobbyist, student, machinist. Made of finest stainless steel with quick-reading etched markings, graduated both sides—32nds, 64ths and on opposite side, decimal equivalents. *Guaranteed* accurate. 6" long rule. ¾" wide. Fully tempered for durability.

350-308E100 $ .70



6 & 12-INCH FLEXIBLE RULES

Flexible 6 or 12 inch General rules. 15/16" wide. Graduated 2 sides — 10ths, 100ths on one side, 32nds and 64ths on the other side. *Finest stainless steel.*

350-616E130	6" Stainless	$1.00
350-1216E250	12" Stainless	1.80

Same as abv., in non-glare chrome finish.

350-CF616E190	6" Chromed	$1.50
350-CF1216E340	12" Chromed	2.50

6 & 12-INCH FLEXIBLE RULES

Graduated in 8ths, 16ths, 32nds, 64ths.

350-634E130	6" Stainless	$1.00
350-1234E250	12" Stainless	1.80

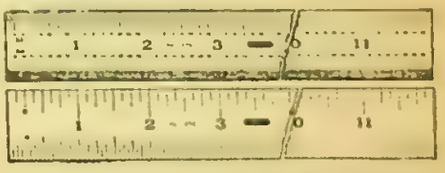
As Above in non-glare chrome finish.

350-CF634E190	6" Chromed	$1.50
350-CF1234E340	12" Chromed	2.50

6-INCH RIGID STAINLESS RULES

Rigid . . . 6" long. ¾" wide. Graduated 2 sides by 8ths, 16ths, 32nds and 64ths.

350-676E180	6" Stainless	$1.30
350-CF676E260	6" Chromed	2.00



12-IN. RIGID STAINLESS RULES

Finest tempered stainless steel rigid rule. 12" long, 1" wide. Graduated 2 sides, 8ths, 16ths, 32nds, and 64ths.

350-1276E400	12" Stainless	$3.00
350-CF1276E530	12" Chromed	3.80

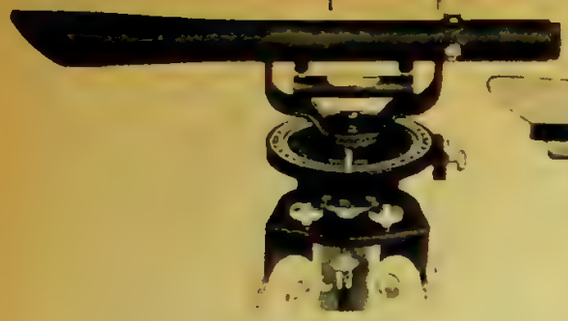
CALIPER RULE

Stanley quality. Brass calipers accurately graduated in 16ths and 32nds. Heads machined for inside and outside calipering. Capacity: hole diam. from 5/16" to 3¼"; outside diam. to 1⅞"; lengths to 3¼".

200-136RE430 4" Long $2.90

THE BEST IN SIGHT IS **BERGER**

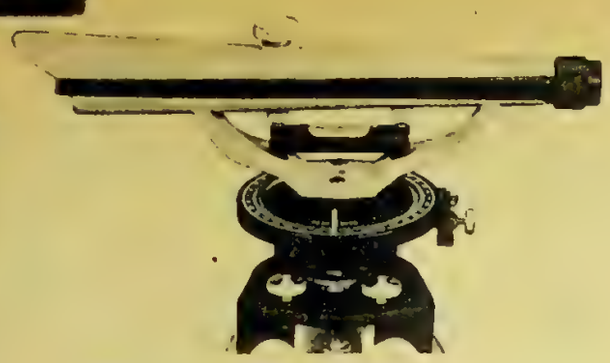
Instruments for Every Budget, Every Builder



SERVICE DUMPY LEVEL

16-Power optical system. For grading, leveling, aligning fences, driveways or stone walls; for measuring horizontal angles, etc. Precision made. Horizontal circle has durable vernier that reads to ¼ degrees (15 min.). Fully protected level vial. Rack and pinion focusing. Micrometer fine motion screw. Sunshade.

563-110NE10800 Instrument $62.00
563-110SE13500 With Tripod ... 76.95



SPEED-A-LINER DUMPY LEVEL

20-power optics. For setting batter boards, turning horizontal angles, landscaping, grading, aligning fences, all leveling jobs that do not require a transit-type instrument. Horizontal circle with double vernier, reads directly to ¼ degree. Fully protected underslung telescope vial. Hor. clamp, fine motion screw. Sunshade.

563-190NE12900 Instrument . $74.00
563-190SE15500 With Tripod .. 88.95

Modern BERGER Instrumen
... first choice where grading, le
eling, aligning, turning horizont
angles, checking elevations, c
solving innumerable problems
builders are concerned. Each tra
sit from BERGER and each lev
assures unfailing accuracy to kee
jobs progressing with profitab
speed. **All Models include fitte
cabinet-wood carrying case, plum
bob and instructions.**

SPEED-A-LINER BUILDERS' TRANSIT LEVEL

20 power optics for laying out horizontal and vertical angles, leveling, setting building lines, checking elevation and plumbing. Spring-loaded lever-type lock for quick conversion from transit to level. Large, easy-to-grip focusing controls can be operated with gloves on. Internal focusing, horizontal circle with double vernier that reads direct to ¼ degree (15 min.). Has built-in sunshade.

563-200NE20600 Instrument $118.00
563-200SE23600 With Tripod ... 134.95

HEAVY DUTY DUMPY LEVEL

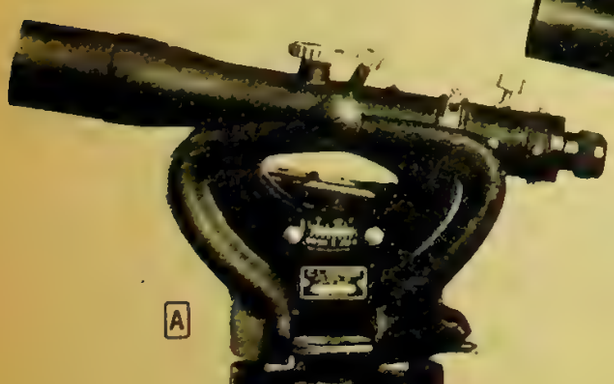
25 power coated optical system. For setting grades and lines, measuring or laying off horizontal angles, running profiles and secondary vertical control; earthwork cross sections, borrow pits, setting batter boards, excavations, etc. 12" erecting internal-focusing, 1-piece telescope. Dust-protected horizontal circle with double vernier ... reads to 5 min., 1/12 degree.

563-150NE27000 Instrument $155.00
563-150SE34000 With Tripod .. 194.95

SERVICE TRANSIT LEVEL

18-power optical system. For drainage j
aligning stone walls, foundations, retai
walls, brickwork, laying out and grading sw
ming pools, driveways, parking lots. Hori
tal circle with double vernier reads to ¼
gree (15 min.). Rotating protective sleeve
telescope level vial. In addition to scope
has a plate level vial to tell if instrumen
level when used as transit. Sunshade remo

563-143NE19000 Instrument $108
563-143SE21500 With Tripod ... 124



A

B

MASTER BUILDER CONVERTIBLE TRANSIT-LEVEL

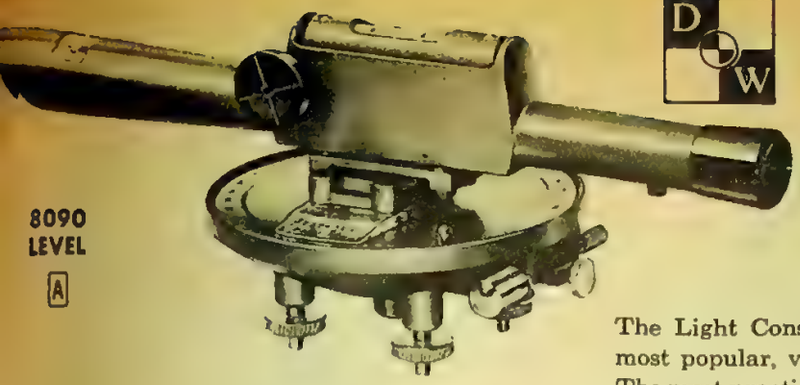
(A) 22-power telescope focuses 3-ft. to infin
For measuring horizontal, vertical angles; lo
ing and setting house and building corn
batter boards; leveling foundations; measur
concrete elevations; plumbing structural st
Double verniers on horizontal circle and verti
are read to 5 minutes (1/12 degree).

563-320NE38000 Instrument $215
563-320SE44500 With Tripod 254

OPTICAL PLUMMET TRANSIT-LEVEL COMBINATION

(B) The only transit-level with an optical plu
met. Provides faster, more accurate center
over a point because your ground point is sig
ed directly — optically — under magnificati
No swaying plumb bob or wind to delay y
Other features and uses as Model 320 above.

563-500NE50000 Instrument $290
563-500SE57500 With Tripod 329

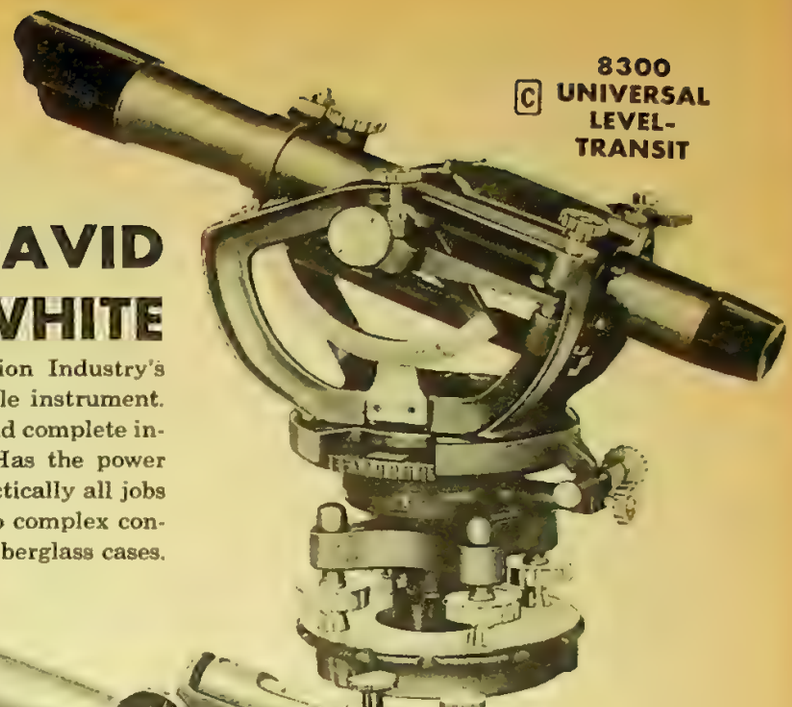


8090 LEVEL

A

DAVID WHITE

The Light Construction Industry's most popular, versatile instrument. The most practical and complete instrument available. Has the power and accuracy for practically all jobs from simple layout to complex control work. All with Fiberglass cases.



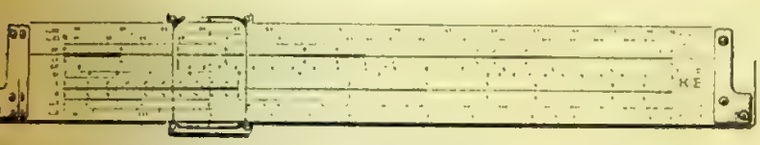
C 8300 UNIVERSAL LEVEL-TRANSIT

(A) 8090—Construction Level with Tripod.
562-T8090E11760 ..... $ 78.50
(B) 8080—Level Transit with Tripod.
562-T8080E19400 ..... 129.50
(C) 8300—Universal Level Transit with Tripod.
562-T8300E40000 ..... 250.95

8080 LEVEL-TRANSIT

B

	Meridian Level-Transit 8080	Meridian Level 8090	Universal Level-Transit 8300
TELESCOPE			
Length	10½"	10½"	12"
Minimum Focus	4-ft.	4-ft.	6-ft.
Aperture	.750	.750	1.257
Power	18X	18X	26X
Field at 100'	3½ ft.	3½ ft.	1¾ ft.
STANDARDS	Aluminum Alloy	Aluminum Alloy	Zamac Alloy
HORIZONTAL CIRCLE			
Graduation Diameter	3⅝"	3⅝"	4"
Graduations	Ea. 1°, 5°	Ea. 1°, 5°	Ea. 1°, 5° 10°
Numbers	Ea. 10°, 0-90-0°	Ea. 10°, 0-90-0°	Ea. 10°, 0-90-0°
Vernier	to 15 min.	to 15 min.	to 5 min.
CENTER	Planar	Planar	Double Row ball bearing
LEVEL VIAL			
Telescope	10 min. per 2 mm	10 min. per 2 mm.	100-200 sec. per 2 mm.
FINISH	All instruments smooth gray baked enamel		



K&E PRECISION SLIDE RULES. . . For Engineering, Science, Mathematics

	Material	Scale Face	Front Face	Reverse Face	Complete With Case
LOG LOG DUPLEX DECITRIG					
681220E5030	Mahogany	10"	LL02, LL03	LL01, L, K, A,	$29.00
681256E3400	Plastic	10"	DF, CF, CIF, CI	B, T, SRT, S, D,	19.50
681282E2000	Plastic	5"	C, D, LL3, LL2	DI, LL1	11.50
DECI-LON					
681100E4900	Shatterproof	10"	Sq1, Sq2, DF, CF, CIF, L, CI	Ln-3, Ln-2, Ln-1, Ln-0, A, B, T	27.50
681130E2400	Synthetic	5"	C, D, Ln0, Ln1, Ln-2, Ln-3	SRT, S, C, D, DI, K	13.50
POLYPHASE DUPLEX DECITRIG					
681502E4600	Mahogany	10"	DF, CF, CIF	K, A, B, T, SRT	26.50
681550E1700	Plastic	5"	CI, C, D, L	(ST), S, D, DI	9.50
POLYPHASE					
681622E3600	Mahogany	10"	A, B, CI.	S. L. T	20.50
681643E1190	Plastic	5"	C, D, K	——	6.75

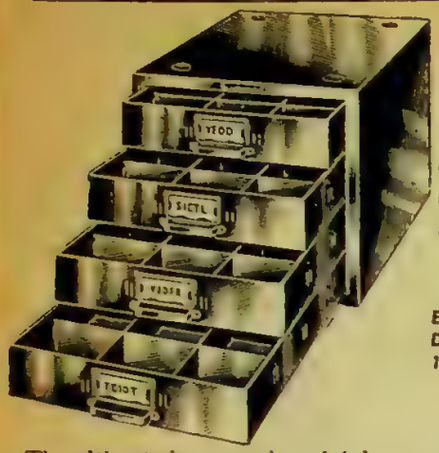
K+E

TRANSIT-LEVEL with 10½", 18X TELESCOPE . . . With Tripod

For aligning crop rows, sidewalks, driveways; setting fence lines; layout tennis courts, swimming pools; plumbing walls, uprights, etc. TELESCOPE—10½" long, 18 power. Internal focusing—knobs on both sides. Wide field of view, 4' minimum focus. Built-in sunshade. CONSTRUCTION—aluminum alloy enclosed standard, base. Solid brass, nickeled leveling, clamp and tangent screws for horizontal, vertical settings. 1⅞" level vial has 10 min. per 2mm sensitivity. Posi-Lock. **READINGS**—Vertical arc graduated from 0 to 45°, has index pointer. 3⅝" horizontal circle graduated both ways from 0-90°. Pointer adjusts. ACCESSORIES – Fiberglass carying case, plumb bob, instructions.

352-770305E11760 Level with Tripod ..... $ 78.50
352-770315E19400 Transit-Level with Tripod 129.50

All Steel Tool and Utility Boxes



UNION 4-DRAWER UTILITY CABINET

Each Drawer Divided Into 12 Sections

The ultimate in convenience! 4 drawers, all interchangeable, and each divided into 12 compartments with removable dividers. Ideal for storing small items . . . hooks, sinkers, reel parts, fly tyers supplies; screws, nuts, bolts, etc. As needs for space increase, just remove dividers. Rugged heavy gauge steel with electrically welded flush joints. Sturdy enough for professional use . . . silver and blue finish makes it attractive for home use. Compact 10x11½x10" size; each drawer is a roomy 9x11½x2" deep with safety drawer stops, card holder for indexing and bar pull. Has hundreds of uses in shop, home, office . . . anywhere. Built for years of service. Shipping weight 9 lbs.
318-410E1160 ..... **$8.90**

UNION UTILITY CHEST

Spill-proof Push-Button Drawbolt

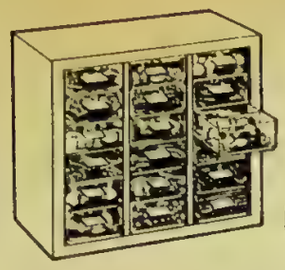
Big, roomy all-purpose utility chest, ideal for household tools, fishing accessories, nuts and bolts. Spill-proof drawbolt . . . can be padlocked. Rugged high-grade steel construction with embossed cover stripes to add rigidity. 14½x7¼x6".
318-5314E550 ..... **$4.00**

Marine Tool or Tackle Box

UNION PLASTIC TACKLE BOX

For Fresh & Salt Water

Practically indestructible! . . . will not dent, shatter, peel or crack; impervious to oil, grease, salt water, even battery acid; weather-proof, rust-proof, corrosion-proof; will not warp or sag in heat or shatter in cold. All this in a lightweight, roomy, tool-and-tackle box with spill-proof drawbolt. Won't damage lures . . . has extra-deep bottom for large reels. Balanced handle. 14x6x5⅜".
318-9414E540 2-Tray Tackle Box..... **$3.95**



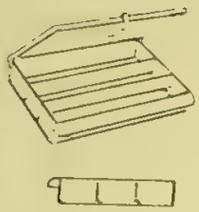
METAL UTILITY BOX

E-Z To Find Small-Parts Cabinet

Rigid, welded steel cabinet in modular design for stacking. Compact 1¼x2⅜x5¾" See-thru, spillproof drawers are super-strength plastic to store heaviest metal parts. With "Fit'Tight" plastic dividers, slots for front labels.

Stock No.	Size	Drawers	Price
317-18HBE820	9Hx10Wx6D	18	$5.95
317-24HBE1060	9Hx13Wx6D	24	8.50
317-48HBE2120	18Hx13Wx6D	48	17.00

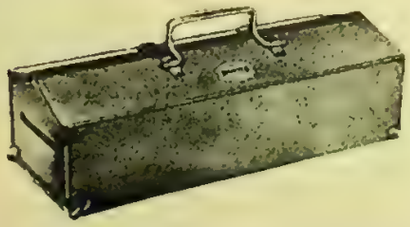
ADJUSTABLE PLASTIC BOXES



Heavy-duty See-Thru styrene boxes 8¾ W, 1¼ H, 6 L with 3 adjustable full-width compartments complete with 9 dividers. Roll-out type compartments for ease in removing small items.
317-EL3E150 **$1.00**

SWANCO STEEL TOOL BOXES

Heavy-duty prime steel welded tool box with full-length hinge that joins cover to body. Removable 2" deep tote tray with handle. Big 19x6¾x7¾" box . . . weather-tight cover with full grip handle. With hasp for padlock. Weight 9 lbs.
338-1210E900 ..... **$7.95**



PORTER MECHANIC'S TOOL BOX

- *Hip-Roof Construction*
- *With Lift-Out Tote Tray*
- *The Box Specified by the Armed Forces*

Double lock seam construction—4 thicknesses of steel at each seam — assure maximum strength, durability. Large 21x8½x7¼" size, finest quality box. General utility type specified by the Armed Forces, preferred by plumbers, electricians, etc. 11½ lbs.
604-30E1080 Each **$8.45**
604-304E3800 Carton of 4 Boxes **33.80**

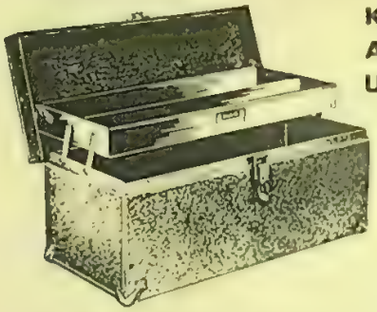
KENNEDY MECHANIC'S TOOL BOX

With 4 Cantilever Trays

Finest quality . . . built for long, rugged wea Has double seamed ends to provide extr strength where needed. 3 skid rails are weld to bottom for added protection. Trays work ea ily, with levers that ride on bushings rather tha on raw rivets. Full-length continuous hing With draw-bolt hasp and staple. Strong, ful grip vinyl-covered steel shell handle. Choice 3 sizes.

Stock No.	Size in Inches	Ship. Wt.	Pric
300-1017E2370	17Lx8Wx10H	12 lbs.	$17.5
300-1018E2680	18Lx10Wx12⅝H	19 lbs.	19.7

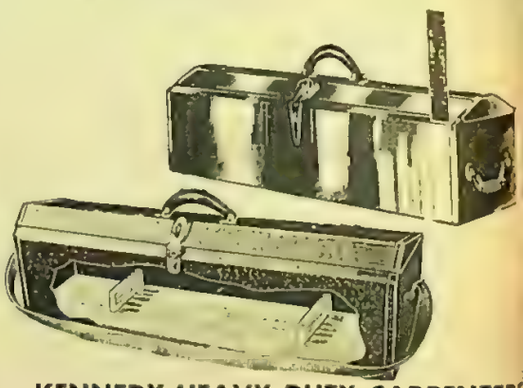
As Above, with special division in one top tra expressly designed for sockets
300-1022E3160 22Lx10Wx12⅝H 22 lbs **$22.8**



KENNEDY ALL-PURPOS UTILITY BOX

Extra Rugged Design

Draw bolt hasp and staple can be locked wit padlock for security. Truly rugged with extr strength double-seamed ends and corner iron to protect ends and bottom. Full-length piano type continuous hinge. 16" Box has cantileve tray, 19" box has tote tray.
16Lx7Wx7H Tool Box with cantilever tray.
300-CS16E1100 ..... **$7.9**
19Lx7Wx7H Tool Box with removable tote tra Tray has full-length handle to prevent tipping
300-S19E1200 **$8.7**



KENNEDY HEAVY-DUTY CARPENTER BOX

Special design for carpenters . . . has web shoul der strap for carrying; protective bottom to pro tect sharp-edge tools against dulling; has clip to hold level; blocks to hold 3 hand saws; knock out slot in both ends to permit carrying a full size square, yet square cannot be removed unt box is unlocked. Plenty of room for all tools Heavy-duty steel. Size 32" L., 8" W., 10" H.
300-K32E1680 ..... **$12.5**

KENNEDY *All Steel Tool Kits*

MACHINIST TOOL BOX

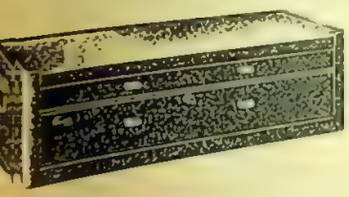
With 7 Drawers & Top Till

Drawers Felt-Lined

Felt-lined drawers slide easily . . . have safety stops and a partition (except no partition in bottom drawer). Reinforced all steel chest in seal brown baked enamel finish. Boxed ends style. Front panel locks all drawers with 100 change block, yet slides under drawers out-of-way when open. 20" L x 8½" W x 13" H.
300-520E4750 Shipping weight 30 lbs. **$37.00**

8-Drawer Tool Box with Top Till

8-DRAWER MACHINIST TOOL BOX. Same design and quality construction as box above, but with an extra felt-lined drawer, making it overall 26½" long, 8½" wide, 13½" high. Same 100-change pin tumbler lock as above. Shipping weight 41 lbs.
300-526E6350 ..... **$46.10**

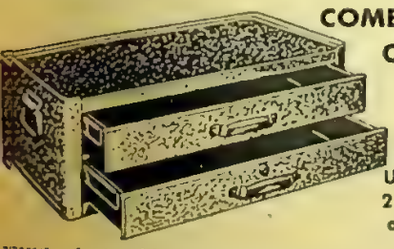


2-DRAWER BASE UNITS

Giant Capacity

Use alone or as base unit for Nos. 520, 526 or 620 chests. Same design, construction, finish and pin-tumbler lock as chests. 2 sizes—each has 1½" high top, 3½" high bottom drawer. No. MC28 holds a 24" scale, ¼" portable electric drill, plus tools.

Stock No.	Size—inches	Wt. lbs.	Price
300-MC22E3000	21⅝Lx9⅝Wx8H	20	$21.90
300-MC28E3310	28Lx9⅝Wx8H	24½	24.00



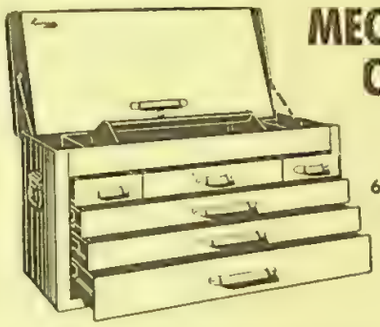
COMBINATION CHEST

Use with No. 260, No. 270 or with both

With pin tumbler lock, same brown ripple finish as units above and at right. Use alone or with Nos. 260 and/or 270 to build as-large-as-you-need storage. Has two 2⅞" high drawers. Overall size: 26⅝" long, 12½" deep, 9" high. Weighs 34 lbs.
300-265E4050 ..... **$29.10**

KENNEDY HEAVY DUTY TOOL CHEST

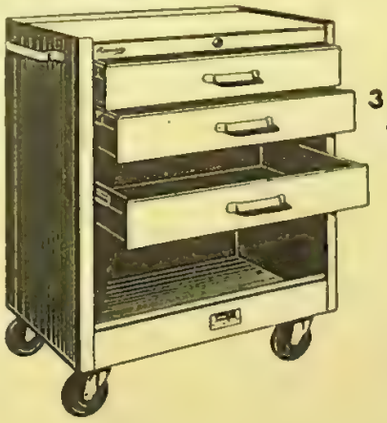
With Two Drawers and Till Top. Designed expressly for the mechanic. Has handy lift-out tote tray with a division for socket wrenches. Rugged steel in dark red baked enamel finish with stainless steel drawer pulls, handles on each end. Boasts the sure-protection of Kennedy's 100-change pin tumbler lock. Can be used alone or in combination with Nos. 265 (at lower left), 270 (lower center) or 278 and 276 (lower right). Big tool capacity for convenience. Overall size: 26¼" long, 12¹⁄₁₆" wide, 10⅞" high. Wt. 48 lbs.
300-240E5740 ..... **$42.90**



MECHANICS CHEST

6 Drawers Plus Till Top with Tote Tray

Big in capacity and versatility. Rugged, heavy-duty chest measures 26x12x14" overall, has lift-out tote tray in till-type top. Pin-tumbler 100-change lock controls all drawers. Drawer sizes: two—4⅝" W x 10¾" L x 1¹³⁄₁₆" D; one (felt lined) 11½" W; two (1 with socket compartment) 22⅞" W; one 22⅞" W x 10¾" L x 2¹³⁄₁₆" D. 2 adjustable partitions fit any drawer. 67 lbs.
300-260E7750 ..... **$58.10**



ROLL-ABOUT 3-DRAWER CABINET

On 4" Casters

Extra Heavy Design

Ideal cabinet for garage and aviation mechanics, or for factory storage. Cylinder-type locks. Has compound drawer slides with positive stops and patented instant spring release. 3 drawers: 23⅛" W x 16½" L x 3¾" D, PLUS lower enclosed space 27" W x 18" L x 12" D. Overall size: 27" L x 18" W x 33⅝" H with 4" casters. Wt. 100 lbs.
300-270E10000 ..... **$75.50**

Kennedy Heavy-Duty Tool Chests and Cabinets may be used in many combinations to fit the various needs of today's industrial and mechanical craftsmen.

ROLL YOUR TOOLS TO THE JOB

ROLLER TOOL STAND

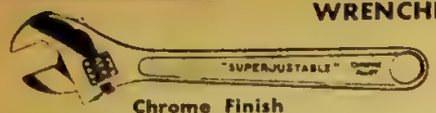
With Three Drawers and Large Base Compartment

Drawers ride easily on super-compound drawer slides. Drawers and lower compartments are locked simultaneously by a four-pin tumbler filing cabinet type lock. Furnished with standard 4" casters. Finished in red baked enamel. Chromium plated drawer handles offer a pleasing contrast, and provision is made for a stainless steel bar handle to be applied at either end of the box. The No. 1 drawer measures 25" x 19⁷⁄₁₆" x 2⁹⁄₁₆". No. 2 drawer is 25 x 19⁷⁄₁₆ x 3¼". No. 3 drawer is 25 x 19⁷⁄₁₆ x 4¾". The lower enclosed base is 25 x 19⁷⁄₁₆ x 12¼". Overall: 29x19⅞x33".
300-293E13850 Wt. 115 lbs. . . . **$103.90**

ROLLER CABINET WITH LOCK-STOP WHEELS

Choose from 6 or 8 drawer model. No. 276 (6-drawer) has two 11x16½x1¾"; three 23⅛x16½x1¾"; and one 23⅛x16½x3¾" drawers; plus 24½x17x11⅞" lower enclosed area. No. 278 has two additional 23⅛x16½x3¾" drawers. *Both 27x18x35" overall;* Drop front panel locks cabinet with multiple change tumbler lock. Red baked enamel finished.
300-276E12200 6-Drawer. 102 lbs. **$ 92.20**
300-278E13900 8-Drawer. 124 lbs. **140.30**

WILLIAMS LOCKING ADJUSTABLE WRENCHES



Chrome Finish

SUPERJUSTABLE Just a flick of the thumb locks or unlocks adjustment instantly! No fumbling . . . makes for easy 1-hand rapid adjustments. Drop-forged from select alloy steel, heat-treated and brightly chrome finished. Truly safe with positive lock. No lock on 4" or 18" size.

Stock No.	Size	Capacity	Price
305-4AE390	4"	½"	$ 2.96
305-6LE400	6"	¾"	3.00
305-8LE450	8"	15/16"	3.40
305-10LE580	10"	1⅛"	4.34
305-12LE840	12"	1 5/16"	6.30
305-15LE1260	15"	1¾"	9.50
305-18AE2120	18"	2 1/16"	15.98

SUPER ADJUSTABLE

Black finish "Super Adjustable" wrenches with thin tapered jaws are drop-forged from the finest grade of alloy steel available. Locking device only on sizes 6, 8, 10, 12 and 15".

Stock No.	Size	Capacity	Price
305-4BE310	4"	½"	$ 2.34
305-6BLE320	6"	¾"	2.38
305-8BLE380	8"	15/16"	2.88
305-10BLE460	10"	1⅛"	3.50
305-12BLE700	12"	1 5/16"	5.30
305-15BLE1130	15"	1¾"	8.50
305-18BE1660	18"	2 1/16"	12.50

WILLIAMS CHAIN WRENCH

Drop forged select alloy steel handle is heat-treated, chrome-plated. Successive bites can be taken without removing the wrench from the work. Ideal for use on close-quarter appliances.

305-14E780 ¾" to 4" O.D. $5.82

RIDGID

Straight or Pattern Wrenches. Housing guaranteed unbreakable. Strong alloy jaws will not slip or lock on pipe. Replaceable heeljaw, full-floating hookjaw with pipe scale. Adjusting nut spins easily in open housing in all sizes.

Stock No.	Size	Capacity	Price
303-R6E420	6"	¾"	$3.15
303-R8E480	8"	1"	3.60
303-R10E640	10"	1½"	4.80
303-R12E750	12"	2"	5.60
303-R14E860	14"	2"	6.45
303-R18E1220	18"	2½"	9.15

RIDGID Stillson Pattern Wrenches

Handle, full-floating hookjaw are special heat-treated steel. Pipe scale on hookjaw. Hidden spring.

Stock No.	Size	Capacity	Price
RS6E300	6"	½"	$2.25
RS8E350	8"	¾"	2.65
RS10E450	10"	1"	3.40
RS14E620	14"	1½"	4.65
RS18E850	18"	2"	6.40

RIDGAL

Almost 50% lighter than regular pipe wrenches of same size. Has aluminum handle. Hookjaw for easy entry to tight spots. Jaws made of finest alloy steel for long life.

Stock No.	Size	Capacity	Price
303-A14E1100	14"	⅛ to 2"	$ 8.25
303-A18E1620	18"	¼ to 2½"	12.15

Ratchet Threaders for Small Pipe

Locks, releases die heads with pull of ratchet knob. Alloy steel chaser dies remove quickly to re-grind or reverse for close-to-wall threads.

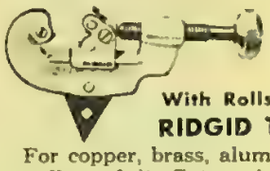
Complete set

303-00RE9200	⅛, ¼, ⅜, ½, ¾, 1"	$89.00
303-00RE7840	⅛, ¼, ⅜, ½, ¾"	59.50
303-00RE7840	¼, ⅜, ½, ¾, 1"	59.50
303-00RE6480	¼, ⅜, ½, ¾"	48.50
303-00RE6480	⅜, ½, ¾, 1"	48.50
303-00RE5120	⅜, ½, ¾"	38.40
303-00RE5120	½, ¾, 1"	38.40
303-00RE3770	½, ¾"	28.25

00R DIE HEADS complete with DIES.

303-00R1/8E1350	⅛"	$10.10
303-00R1/4E1350	¼"	10.10
303-00R3/8E1350	⅜"	10.10
303-00R1/2E1350	½"	10.10
303-00R3/4E1350	¾"	10.10
303-00R-1E1450	1"	10.10

00R RATCHET AND HANDLE COMPLETE—
303-00RHE1080 No Dies.....$8.10



Heavy Duty Construction

With Rolls and Fold-In Reamer

RIDGID Tubing Cutters

For copper, brass, aluminum tubing and thin wall conduit. Cuts quickly, no burr. Rollers smooth tube readying it for soldering. No tubing distortion. Tracks perfectly. Fold-in integral reamer protects hands, pockets.

303-20E1640	⅝ to 2⅛"	$12.30
303-15E910	⅜ to 1⅛"	6.80
303-10E710	⅛ to 1"	5.35

RIDGID Heavy-Duty Pipe Cutters

For fast, clean cuts. Efficiency-balanced frames of malleable iron, guaranteed not to break or warp. Tough-blade cutter wheels, tested for perfect tracking. Converts to 3-wheel.

303-1E2470	⅛ to 1¼"	$18.50
303-2E3300	⅛ to 2"	24.80

NEW VISE GRIP with E-Z RELEASE

Makes hundreds of jobs faster, easier . . . in home, shop, factory. Adjusts to *grip any size work* and then *locks with a one ton grip* and stays locked.

Check These Features

INVOLUTE JAW CURVE gives tooth contact no 4 points of nuts; improves contact on round work.

KNURLED JAW TIPS holds work at very end . . . positively won't slip.

THIN NOSE gets into small, close quarters.

WIRE CUTTER cuts wire, small bolts.

TOUGH—made of special alloy steels, heat-treated.

301-10RE326	10" Standard Wrench	$2.45
301-7RE286	7" Standard Wrench	2.15
301-10CRE346	10" Curved Jaw Wrench	2.60
301-7CRE300	7" Curved Jaw Wrench	2.25
301-10WRE394	10" Curved Jaw with Cutter	2.95
301-7WRE334	7" Curved Jaw with Cutter	2.50
301-5WRE314	5" Curved Jaw with Cutter	2.35

RIDGID Hex

Handy adjustable wrench for hexes, squares and flatheads. New wide open jaw goes on easy, won't slip off. 4-sided grip for extra leverage. Narrow jaw design makes work easy in tight places. Ideal for toy, mower, implement and home repairs.

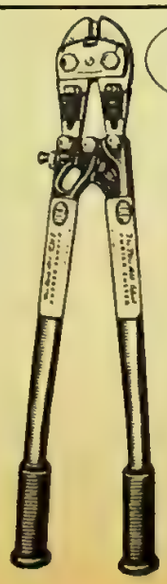
303-11E490 ⅜ to ¾" $3.70 303-17E1040 ⅝ to 1¼" $7.80

VISE GRIP

CHAIN CLAMP GRIP WITH EASY RELEASE

A new concept in chain wrenches incorporating Vise-Grip's exclusive locking principle. Holds and locks around anything . . . any size, any shape, anywhere that the chain can be wrapped around. Adjusts quickly to ratchet action in either direction. No limit to its uses. Fine alloy steel.

301-20RE800 19" Chain $5.95



HKP CUTTER

PORTER CENTER CUT CUTTER. For free or general cutting of medium hard rods, bolts, etc., old drawn spring wire, stranded guy wire, alloy wire and rods, un-heat-treated and other medium-hard steel, up to Brinell 300, Rockwell C31 hardness. The universally chosen tool for general free cutting all the above as well as many other metal materials. Has its cutting edge in the middle of the blade with equal bevel on either side for increased strength, toughness and long service. Portable enough to take the tool to the work.

Stock No.	Capacities Length	Bolts	Metals	Price
327-1490CE1680	14"	5/16"	¼"	$12.60
327-090CE1840	18"	⅜"	5/16"	13.70
327-190CE2320	24"	7/16"	⅜"	17.40

FORGED STEEL WRENCHES

Open End Wrenches of finest quality. Drop Forged of finest steel, heat-treated and finely finished. Accurately milled and clearly marked with sizes. Properly balanced and designed. All sizes clearly marked. Unconditionally guaranteed.

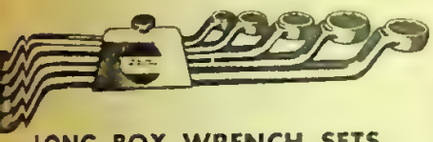
Blued Finish—with Clip

3588-15E260 5 pc. 5/16 to 3/4" $1.95
3588-25E360 6 pc. 5/16 to 7/8" 2.95
3355-L07E700 7 pc. 3/8 to 1 1/8" . . . 4.95

COMBINATION WRENCH SETS

Thin wall type for working in close quarters. 12 point box head & 15° angle open end. Brightly plated with smooth finish.

3588-605CE470 5 pc. 7/16 to 3/4" . $3.25
3588-606CE540 6 pc. 3/8 to 3/4" . . 4.40



LONG BOX WRENCH SETS

Thin wall heads, ground ends. Brightly plated and smoothly finished. —45° offset head. Large positive grip handles

3155-23150E700 5 pc. 3/8 to 7/8" . $4.95
3155-23160E900 6 pc. 3/8 to 1" $6.70

COMPLETE COMBINATION WRENCH SETS

Combination box and open end wrenches. Nickel chromed and polished. In red plastic rollils.

3115-23011E1500 11 pc. 1/4 to 7/8" $10.90
3115-23014E2670 14 pc. 1/4 to 1 1/16" 20.00

66-PC. OPEN END WRENCH SET

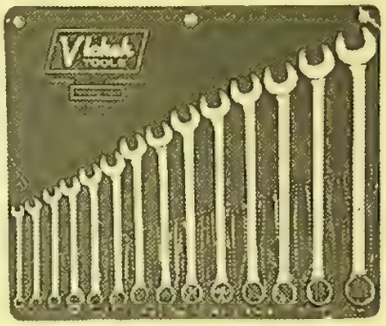
Popular double open end set. Nickel-chrome plated and polished finish.

3115-23306E780 6 pc. 3/8 to 1" $6.25

VLCHEK HEAVY DUTY ALLOY OPEN END WRENCH SETS

Mechanics wrenches forged from finest alloy steel, machined to close tolerances, carefully heat-treated, polished, nickel and chrome plated. Panels, ends are polished by hand. With narrow streamlined jaw. Unsurpassed quality in forged tools . . . outstanding value!

308-M306RE1210 6 pc. 1/4 to 1" . $ 9.05
308-M310RE1900 10 pc. 1/4 to 1" . . 14.30

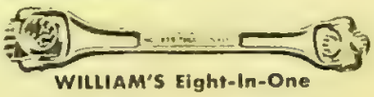


VLCHEK COMBINATION ALLOY WRENCH SETS

308-C306RE1060 6 pc. 7/16 to 3/4" . $ 7.95
308-C311RE2620 11 pc. 5/16 to 1" . . 19.65
308-C314RE4000 14 pc. 3/8 to 1 1/4" . . 29.75

HEAVY DUTY ALLOY VLCHEK BOX WRENCH SETS

Famous Vlchek construction. Designed for craftsmen. 5 pc. 3/8 to 7/8"
308-B305RE940
$6.95
6 pc. 3/8 to 1"
308-B306RE1300
$9.95



WILLIAM'S Eight-In-One

MULTISOCKET WRENCH

Small head: 7/16, 1/2, 9/16, 19/32".
Large head: 5/8, 11/16, 3/4, 7/8".
The openings grip hex nuts on 6 sides . . . no slipping, no rounding of the nuts' corners. Swivel heads with index spring to retain working opening while in use . . . operate at any angle.
305-1999E810 10" long—8 sizes $6.06

METRIC OPEN END WRENCHES

400-30607E210	6mm x 7mm	$1.39
400-30809E220	8mm x 9mm	1.45
400-31011E230	10mm x 11mm	1.55
400-31213E260	12mm x 13mm	1.79
400-31415E320	14mm x 15mm	2.19
400-31617E350	16mm x 17mm	2.39
400-31819E410	18mm x 19mm	2.79
400-32022E420	20mm x 22mm	2.89
400-32123E630	21mm x 23mm	4.29
400-32426E650	24mm x 26mm	4.39

METRIC COMBINATION

BOX & OPEN END WRENCHES

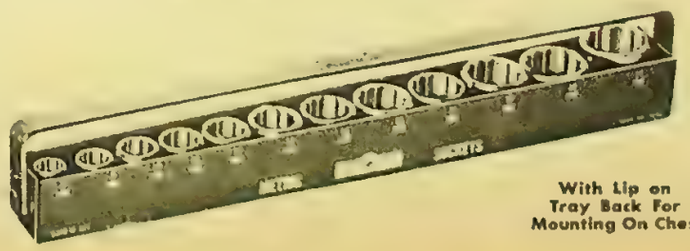
400-1210ME320	10mm	$2.19
400-1211ME340	11mm	2.29
400-1212ME360	12mm	2.45
400-1213ME360	13mm	2.45
400-1214ME370	14mm	2.55
400-1215ME410	15mm	2.79
400-1216ME440	16mm	2.99
400-1217ME450	17mm	3.09
400-1218ME500	18mm	3.39
400-1219ME500	19mm	3.39
400-1220ME610	20mm	4.15
400-1222ME610	22mm	4.15

PROTO TORQUE-WRENCHES

FOOT-POUND TORQUE-LIMITING WRENCHES

Super-precision models, expressly designed to meet the most exacting military and industrial requirements. All have a fixed head bearing pin, improved roller block, side-adjusting seal and handle end seal. Utilize the torque-limiting principle . . . this means wrenches release automatically when torque set on the micrometer-type handle is reached. Can't over-tighten or strip threads. Finest quality alloy steel is used throughout.

3/8" Drive—Ratchet head. 0-80 ft.-lb. cap.
400-6006E5560 . . . . . $37.99
1/2" Drive—Ratchet head. 0-80 ft.-lb. cap.
400-6008E5760 . . . . . 39.15
1/2" Drive—Plain head. 10-150 ft.-lb. cap.
400--6015E5760 . . . . . 39.15
1/2" Drive—Ratchet head. 10-150 ft.-lb. cap.
400-6016E6150 . . . . . 41.95
3/4" Drive—Plain head. 100-500 ft.-lb. cap.
400-6017E26400 . . . . . 179.15



With Lip on Tray Back For Mounting On Chest

PROTO-METRIC SOCKET SETS

Twelve 3/8" sq. drive sockets, 12 point. In red lacquered tray stenciled on side with numbers and sizes, and with spill-proof locking band. All sockets are hot-punched from special analysis alloy steel and chromed. All Proto guaranteed.
12 sockets from 8mm to 19 mm.
400-5200ME2200 3/8" Drive $15.03

DROP FORGED TOOLS OF SPECIAL ANALYSIS STEEL

• Heat-treated for Maximum Toughness . . . Proper Hardness of Working Surface • Thin, Strong, Streamlined for Maximum Usefulness and Durability

OPEN END WRENCHES

Slim scientifically tapered jaws reduce width of pear-shaped heads to work into small places, but are extra-strong at point of strain. Minimum overhang on jaws speed seating, increase strength. 15° head angle for 30° turning arc.

Stock No.	Size	Price
400-3016E190	3/16 x 1/4	$1.29
400-3018E190	1/4 x 5/16	1.29
400-3020E210	5/16 x 3/8	1.45
400-3021E230	3/8 x 7/16	1.55
400-3025E240	7/16 x 1/2	1.59
400-3026E260	1/2 x 9/16	1.79
400-3027E260	1/2 x 13/32	1.79
400-3030E320	9/16 x 5/8	2.19
400-3031E370	5/8 x 3/4	2.55
400-3033E370	19/32 x 11/16	2.55
400-3034E370	5/8 x 11/16	2.55
400-3035E410	11/16 x 3/4	2.79
400-3037E450	11/16 x 25/32	3.09
400-3039E450	3/4 x 7/8	3.09
400-3040E500	13/16 x 7/8	3.39
400-3041E640	7/8 x 1 1/16	4.35
400-3045E700	15/16 x 1	4.75
400-3050E800	1 1/16 x 1 1/8	5.49
400-3051E950	1 1/16 x 1 1/4	6.49
400-3055E1440	1 1/4 x 1 5/16	9.85
400-3060E1440	1 3/8 x 1 7/16	9.85

MIDGET WRENCHES

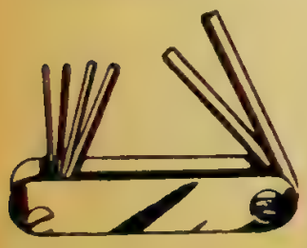
Midget Open End Obstruction Wrenches—15° and 60° Heads

Two openings on each wrench, with same sizes duplicated on another wrench but at different head angles. Thus, each pair provides 2 opening sizes in both 15° and 60° angles. Forged from alloy steel, chrome plated. Used on carburetors, timers, generators, radios, electrical equipment.

Stock No.	15° End	60° End	Price
400-3210E200	13/64"	13/64"	$1.35
400-3211E200	15/64"	13/64"	1.35
400-3215E200	7/32"	1/4"	1.35
400-3216E200	1/4"	7/32"	1.35
400-3220E200	9/32"	5/16"	1.35
400-3221E200	5/16"	9/32"	1.35
400-3225E200	11/32"	3/8"	1.35
400-3226E200	3/8"	11/32"	1.35

MIDGET WRENCH SET

9-Pc.—8 ignition wrenches (13/64-3/8") & 4" Plier.
400-8MPE1970 ..... $14.00



HEX KEY KNIFE SET

The mechanic's dream tool. Turns screws in any position or angle. Six sizes from .050 to 3/16".
358-FK7E150 $1.00

COMBINATION BOX & OPEN END WRENCHES

12-point box opening on one end . . . open end on other, both of same size! Use box end for breaking nut loose, open end for running it off. Chromed.

Stock No.	Size	Price
400-1208E230	1/4"	$1.55
400-1210E260	5/16"	1.79
400-1212E290	3/8"	1.95
400-1214E340	7/16"	2.29
400-1216E360	1/2"	2.45
400-1218E390	9/16"	2.55
400-1220E410	5/8"	2.79
400-1222E450	11/16"	3.09
400-1224E480	3/4"	3.25
400-1226E610	13/16	4.19
400-1228E670	7/8"	4.59
400-1230E730	15/16"	4.99
400-1232E820	1"	5.59
400-1234E1000	1 1/16"	6.79
400-1236E1140	1 1/8"	7.79
400-1240E1350	1 1/4"	9.19
400-1242E1510	1 5/16"	10.29
400-1244E1620	1 3/8"	11.05
400-1246E1850	1 7/16"	12.65
400-1208LE260	1/4" Long type	1.79
400-1210LE270	5/16" Long type	1.85
400-1212LE320	3/8" Long type	2.19
400-1214LE340	7/16" Long type	2.29
400-1216LE390	1/2" Long type	2.55
400-1218LE410	9/16" Long type	2.79
400-1220LE450	5/8" Long type	3.09
400-1222LE480	11/16" Long type	3.25
400-1224LE540	3/4" Long type	3.69

PIPE AND SCREW EXTRACTORS

Accurately broached from alloy steel. Sharp edges bite positively into broken screws, studs, bolts, fittings, pipes, etc. Won't chew them up, even if hole is drilled clear through. Flutes gradually tapered—won't wedge or bind.

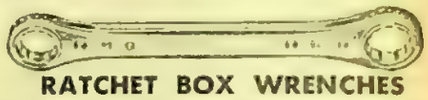
Stock No.	Small End Size	Total Length	U.S.S. Screw Size	Drill Size	Price
9521E190	1/8"	2 5/8"	1/4, 5/16"	1/8"	$1.29
9522E200	11/64"	2 5/8"	3/8"	3/16"	1.35
9523E220	13/64"	2 7/8"	7/16"	15/64"	1.49
9524E240	15/64"	3"	1/2, 9/16"	5/16"	1.59
9525E290	11/32"	3 1/4"	5/8"	3/8"	1.95
9525BE400	27/64"	3 7/8"	3/4"	15/32"	2.69
9526E480	1/2"	4 1/2"	7/8"	9/16"	3.25
9527E510	19/32"	4 7/8"	1, 1 1/8"	21/32"	3.49
9528E590	23/32"	5 3/8"	1 1/4, 1 3/8"	13/16"	3.99
9529E780	31/32"	5 1/2"	1 1/2"	1 1/16"	5.35

5-PIECE SET OF NUMBERS—9521, 9522, 9523, 9524 and 9525 above, in plastic pouch.
400-9500E1120 ..... $7.67

12-POINT BOX WRENCHES

Thin, very strong box walls and compact heads. Chromed, forged alloy steel. 15° offset heads.

Stock No.	Size	Price
400-1120E310	5/16 x 3/8	$2.09
400-1122E310	3/8 x 7/16	2.09
400-1125E310	7/16 x 1/2	2.09
400-1126E310	1/2 x 9/16	2.09
400-1127E340	1/2 x 9/32	2.29
400-1130E360	9/16 x 5/8	2.45
400-1131E370	5/8 x 3/4	2.55
400-1134E450	5/8 x 11/16	3.09
400-1135E490	11/16 x 3/4	3.35
400-1136E490	11/16 x 7/8	3.35
400-1137E490	11/16 x 25/32	3.35
400-1139E510	3/4 x 7/8	3.49
400-1140E510	13/16 x 7/8	3.49
400-1141E920	7/8 x 1 1/16	6.29
400-1145E950	15/16 x 1	6.45
400-1147E1050	15/16 x 1 1/16	7.15
400-1150E1050	1 1/16 x 1 1/8	7.15
400-1151E1100	1 1/16 x 1 1/4	7.45
400-1155E1250	1 1/4 x 1 5/16	8.55
400-1160E1270	1 1/4 x 1 3/8	8.69
400-1120LE340	5/16 x 3/8 Long type	2.29
400-1122LE340	3/8 x 7/16 Long type	2.29
400-1125LE340	7/16 x 1/2 Long type	2.29
400-1126LE340	1/2 x 9/16 Long type	2.29
400-1130LE370	9/16 x 5/8 Long type	2.55
400-1131LE420	5/8 x 3/4 Long type	2.89



RATCHET BOX WRENCHES

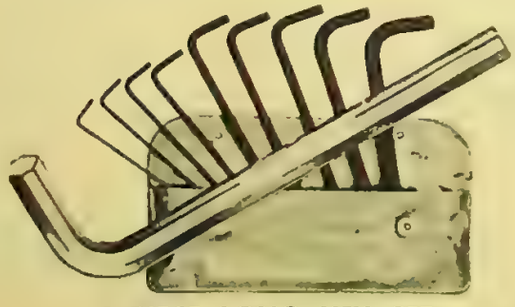
Loosen, or tighten, and fast-run a nut without lifting wrench! Chrome plated. No. 1196 is especially useful on oil filters located in hard-to reach places in late model automobiles.

Stock No.	Size	Price
400-1191E510	1/4 x 5/16	$3.49
400-1192E630	3/8 x 7/16	4.29
400-1193E780	1/2 x 9/16	5.29
400-1194E840	5/8 x 11/16	5.75
400-1195E950	3/4 x 7/8	6.45
400-1196E840	5/8 x 3/4	5.75

CHROMED ALLOY STEEL TAPPET WRENCHES

Stock No.	Nominal Open. Sizes	Head Thick.	Length	Price
400-3425E350	7/16x1/2"	.19"	10"	$2.39
400-3426E360	1/2x9/16"	.19"	10"	2.49
400-3430E360	9/16x3/8"	.19"	10"	2.49
400-3435E400	11/16x3/4"	.22"	10"	2.75
400-3440E440	13/16x7/8"	.22"	10"	2.99

HEX KEY WRENCHES



9-PIECE LONG KEY SET

For tradesmen, oil-burner and refrigerator service men, anyone who must get into small places. *9 sizes:* 3/64 to 3/8" roll.
202-9PXLE200 Graduated sizes . . . $1.50

11-PIECE HEX KEY SET

For the craftsman or machinist who needs a more complete set. 11 sizes: 1/16" to 3/8" in colorful plastic kit.
202-11PSE130 .... $1.20

18-PIECE COMBINATION HEX KEY SET

Designed to meet 99% of your hex key requirements. Contains 9 short, 9 long wrenches covering the range from .035 to 5/16" size. In colorful plastic pouch. 18 pieces in all.
202-18PSLE200 . . . $1.50

9-PC. SET

Steel alloy, heat-treated, hardened, tempered, and nickel and chrome plated. Carefully made to exact standards.

In spill-proof rubber holder. Rubber grip container prevents keys from falling out. Includes *9 sizes:* .050 to 1/4" in regular length.
202-9SE150 ..... $1.50

SAVE MOST HERE ON AMERICA'S BEST KNOWN BRANDS.

117 PIECE ALL-PURPOSE MECHANICS TOOL SET

"DO-IT-YOURSELF" FASTER-EASIER-BETTER!

SAVE TIME
SAVE MONEY
SAVE LABOR!

SENSATIONAL OFFER!
ENTIRE PROFESSIONAL WORKSHOP
LIST
39.95
COMPLETE 117-Pc. SET

FULL-LENGTH STURDY METAL TOTE TRAY

5-Pc. PUNCH & CHISEL SET

SPARK PLUG WRENCH & HANDLE

HACKSAW FRAME AND BLADES

8" ADJUSTABLE ANGLE WRENCH

16 OUNCE RUBBER-GRIP CHROME HAMMER

6-Pc. SET RUBBER HANDLE SCREW DRIVERS and WALL RACK

IDEAL FOR HOME, FARM, SHOP, BOAT and AUTO REPAIRS!

8" CHROME SLIP-JOINT PLIER

3-Pc. LONG PATTERN BOX WRENCH SET

5-Pc. CHROME ALLOY STEEL OPEN END WRENCH SET

UTILITY FILE SET

18-PIECE SET IGNITION WRENCHES

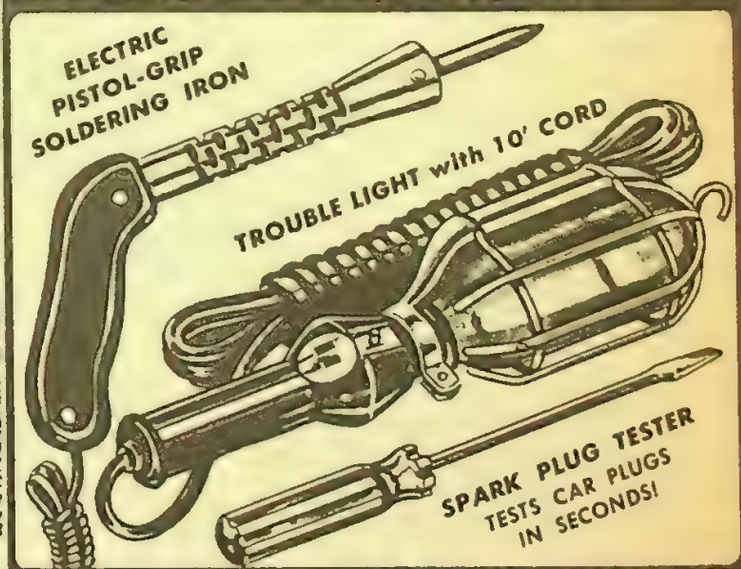
18-PIECE HEX KEY SET and POUCH

7-PIECE NUT DRIVER SET

13-PIECE SET FULL-LENGTH DRILL BITS

6-PIECE TAP WRENCH SET

AMAZING BARGAIN OFFER INCLUDES



HALF THE PRICE YOU'D PAY IF TOOLS WERE PURCHASED SEPARATELY!

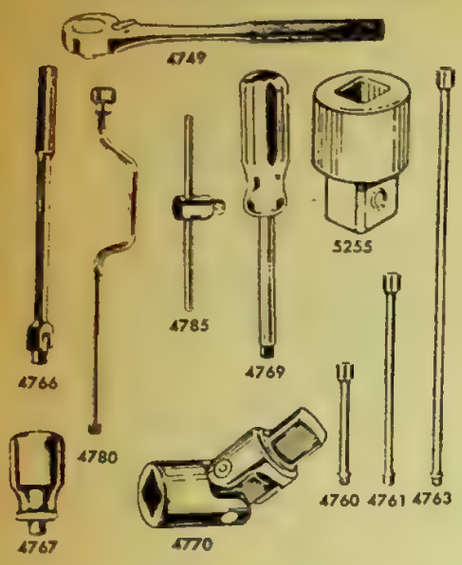
Save on all repairs, with this complete high-quality MECHANICS TOOL SET!
• 8" Adjustable Angle Wrench • 8" Chrome Slip-Joint Plier • 16 oz. Chrome, Rubber Grip Hammer • 3-Pc. Long Pattern Box Wrench Set • 5-Pc. Chrome Alloy Open End Wrench Set • Hacksaw Frame with 24 Blades • Pistol Grip Electric Soldering Iron • Trouble Light • 7-Pc. Nut Driver Set • 6-Pc. Rubber Handle Screw Driver Set with Wall Rack • Utility File Set • Spark Plug Tester • Spark Plug Wrench and Handle • 18-Pc. Ignition Wrench Set • 18-Pc. Hex Key Set and Pouch • 5-Pc. Punch and Chisel Set • 6-Pc. Tap Wrench Set • 13-Pc. Drill Bit Set • Full Length Metal Tote Tray

331-117E3850 117 Piece Set $39.95

PROTO TOOLS
LOS ANGELES

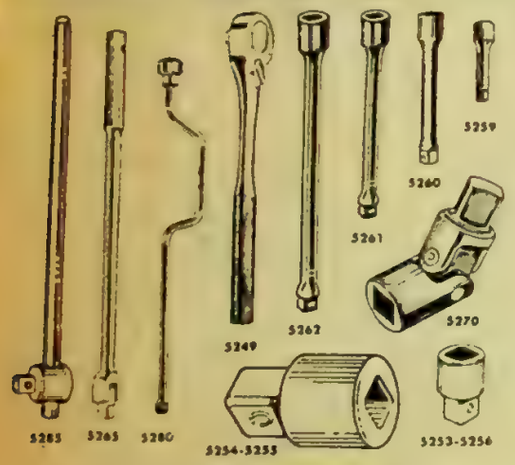
FINEST SQUARE DRIVE SOCKETS AND ATTACHMENTS

- Exceeds Requirements of Industry and Professionals
- Skillfully Forged of Special Alloy Steels
- Thin-Walled, Broached Sockets
- Heavily Chrome Plated
- Designed for Long Life
- Heat Treated Scientifically



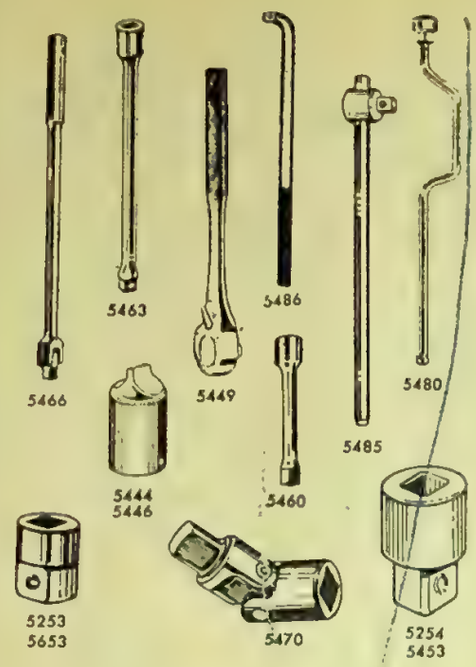
¼" SQ. DRIVE HANDLES & ATTACHMENTS

400-4749E800	5" Ratchet	$5.49
400-4760E200	3½" Extension	1.39
400-4761E230	6" Extension	1.59
400-4763E360	14" Extension	2.49
400-4766E580	Hinge Handle	3.09
400-4767E240	Spin type Stub	1.65
400-4769E290	Spin type Regular	1.99
400-4770E470	Universal ¼x¼	3.25
400-4780E470	16" Speed Handle	3.25
400-4785E260	4½" Sliding Bar	1.79
400-5255E220	Adapter ⅜F - ¼M	1.49
400-5256E200	Adapter ¼F - ⅜M	1.35



⅜" SQ. DRIVE HANDLES & ATTACHMENTS

400-5249E1060	7" Ratchet	$7.25
400-5253E260	Adapter - ⅜F - ½M	1.79
400-5254E260	Adapter - ½F - ⅜M	1.79
400-5255E220	Adapter - ⅜F - ¼M	1.49
400-5256E200	Adapter - ¼F - ⅜M	1.35
400-5259E190	1¾" Extension	1.29
400-5260E260	3½" Extension	1.79
400-5261E330	7½" Extension	2.29
400-5262E400	12" Extension	2.75
400-5263E520	17" Extension	3.59
400-5265E690	7½" Hinge Handle	4.69
400-5266E710	12" Hinge Handle	4.89
400-5270E520	⅜" Universal	3.59
400-5280E500	16½" Speed Handle	3.45
400-5285E420	8" Sliding Bar	2.89



½" SQ. DR. HANDLES & ATTACHMENTS

400-5253E260	Adapter ⅜F - ½M	$1.79
400-5254E260	Adapter ½F - ⅜M	1.79
400-5444E250	¾" Screwdriver	1.75
400-5446E260	5/16" Screwdriver	1.79
400-5449E1370	10" Ratchet	9.39
400-5453E420	Adapter ¾F - ½M	2.89
400-5460E320	2½" Extension	2.19
400-5461E360	5" Extension	2.45
400-5463E480	10" Extension	3.25
400-5464E770	18" Extension	5.25
400-5466E1180	9" Hinge Handle	7.49
400-5467E1180	15" Hinge Handle	8.09
400-5470E640	½" Universal Joint	4.35
400-5480E880	18" Speed Handle	5.99
400-5485E610	Sliding Bar	4.15
400-5486E500	L-Handle	4.15
400-5653E330	Adapter ½F - ¾M	2.29

SPARK PLUG SOCKETS with Replaceable Buna-N Insert

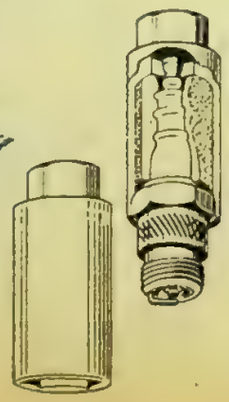
To remove and replace spark plugs more quickly, without breakage. Insert lasts longer — special grooves grip on brass or porcelain tip.

⅜"Drive—13/16" opening.

400-5026PAE280 .. $1.95

½" Drive—13/16" opening.

400-5326PAE300 .. $2.09



¼" SQUARE DRIVE SOCKETS

All ¼" Drive Sockets are highest quality heat-treated alloy steel. Thin-wall, hot-broached, precision machined 6 and 8-point openings. Hot forged attachments are lightweight, streamlined. All mirror polished and chromium plated.

6, 8, and 12 Point Sockets

400-4706E130	3/16"	6	$ .89
400-4707E130	7/32"	6	.89
400-4708E130	¼"	6	.89
400-4708SE140	¼"	8	.99
400-4709E130	9/32"	6	.89
400-4710E130	5/16"	6	.89
400-4710SE140	5/16"	8	.99
400-4711E130	11/32"	6	.89
400-4712E130	⅜"	6	.89
400-4712SE140	⅜"	8	.99
400-4714E130	7/16"	6	.89
400-4716E130	½"	12	.89

¼" SQ. DRIVE EXTRA-DEEP SOCKETS

6-Point Extra-Deep ¼" Sockets

400-4708LE200	¼"	6	$1.39
400-4709LE200	9/32"	6	1.39
400-4710LE210	5/16"	6	1.45
400-4711LE210	11/32"	6	1.45
400-4712LE210	⅜"	6	1.45
400-4714LE220	7/16"	6	1.49

⅜" SQUARE DRIVE SOCKETS

⅜" Drive sockets are thin-wall hot-broached precision machined sockets of heat-treated alloy steel with 6 and 8-point openings. Light, streamlined handles, attachments are hot forged. All are polished to a mirror finish and chromed.

8 and 12 Point Sockets, ⅜" Drive

Stock No.	Size	Pt.	Price
400-5210E160	5/16"	12	$1.09
400-5212E160	⅜"	12	1.09
400-5214E160	7/16"	12	1.09
400-5216E160	½"	12	1.09
400-5218E160	9/16"	12	1.09
400-5220E170	⅝"	12	1.19
400-5222E170	11/16"	12	1.19
400-5224E170	¾"	12	1.19
400-5226E190	13/16"	12	1.29
400-5228E200	⅞"	12	1.35
400-5208SE170	¼"	8	1.19
400-5210SE170	5/16"	8	1.19
400-5212SE170	⅜"	8	1.19
400-5214SE170	7/16"	8	1.19
400-5216SE170	½"	8	1.19

Extra Deep ⅜" Drive Sockets

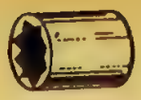
400-5012E190	⅜"	12	$1.29
400-5014E190	7/16"	12	1.29
400-5016E190	½"	12	1.29
400-5018E200	9/16"	12	1.35
400-5020E210	⅝"	12	1.45
400-5022E220	11/16"	12	1.49
400-5024E250	¾"	12	1.75
400-5026E270	13/16"	12	1.85
400-5028E300	⅞"	12	2.09

¼" DRIVE SCREWDRIVER SOCKETS

400-4737E300	#1 Phillips	$2.09
400-4738E320	#2 Phillips	2.19
400-4744E250	3/16" Bit	1.75
400-4745E250	¼" Bit	1.75

SOCKETS and ATTACHMENTS made of the finest quality heat treated alloy steel. Thin wall, hot-broached, precision machined openings. LIFETIME GUARANTEE.

PROTO TOOLS



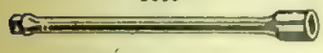
¾" SQ. DR. HEAVY DUTY SOCKET WRENCHES

Chrome Plated 12-point heavy duty ¾" drive.

Stock No.	Size	Length	Price
		2"	$2.89
		2"	2.89
4400-5532E420	1"	2"	2.89
4400-5530E420	15/16"	2"	2.89
4400-5536E420	1⅛"	2 5/16"	2.89
4400-5538E440	1 3/16"	2 5/16"	2.99
4400-5540E500	1¼"	2 5/16"	3.39
4400-5542E550	1 5/16"	2½"	3.79
4400-5544E600	1⅜"	2⅝"	4.09
4400-5546E640	1 7/16"	2⅝"	4.39
4400-5548E680	1½"	3½"	4.65
4400-5550E740	1 9/16"	3½"	5.09
4400-5552E820	1⅝"	3½"	5.59
4400-5554E890	1 11/16"	3½"	6.09
4400-5556E890	1¾"	3½"	6.09
4400-5558E910	1 13/16"	3½"	6.19
4400-5560E1000	1⅞"	3½"	6.89
4400-5564E1100	2"	3½"	7.69
4400-5568E1350	2⅛"	3 25/32"	9.25
4400-5570E1400	2 3/16"	3 13/16"	9.75
4400-5572E1700	2¼"	3 27/32"	11.63
4400-5576E2040	2⅜"	3 31/32"	13.85

5649

5668



5663

5653

5453

5670

¾" DRIVE ATTACHMENTS

Extra heavy duty attachments for mechanics, industrial workers who need strength, speed and safety on tough jobs. Chrome plated.

4400-5649E3300	20" Reversible Ratchet	$22.49
4400-5668E1960	22" Hinge Handle	13.43
4400-5653E330	Adapter ½F - ¾M	2.29
4400-5453E420	Adapter ¾F - ½M	2.89
4400-5660E670	5" Extension Bar	4.55
4400-5661E800	8" Extension Bar	5.49
4400-5663E1120	16" Extension Bar	7.69
4400-5670E1840	Universal Joint	12.55

UNIVERSAL SOCKETS ⅜" DRIVE

Truly versatile sockets in 6 and 12 point. Quality made from special high-strength alloy steels for durability. Sold individually.

4400-5272E500	5/16"	12 Point	$3.45
4400-5273E500	⅜"	12 Point	3.45
4400-5274E500	7/16"	12 Point	3.45
4400-5275E500	½"	12 Point	3.45
4400-5276E500	9/16"	12 Point	3.45
4400-5277E500	⅝"	12 Point	3.45
4400-5278E580	11/16"	12 Point	3.99
4400-5279E580	¾"	12 Point	3.99

5241 5243

5244

5246

⅜" DRIVE SCREWDRIVER SOCKETS

400-5240E320	5/16" Bit	$2.19
400-5241E330	#2 Phillips	2.29
400-5242E360	#3 Phillips	2.45
400-5243E380	#4 Phillips	2.49
400-5244E170	11/16" Bit	1.19
400-5246E320	¼" Bit - long	2.19

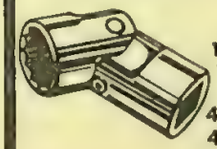
½" SQ. DRIVE SOCKETS

8 and 12 Point Regular Sockets

Stock No.	Size	Point	Price
400-5412E170	⅜"	12	$1.19
400-5414E170	7/16"	12	1.19
400-5416E170	½"	12	1.19
400-5418E170	9/16"	12	1.19
400-5419E170	19/32"	12	1.19
400-5420E170	⅝"	12	1.19
400-5421E200	21/32"	12	1.35
400-5422E200	11/16"	12	1.35
400-5424E210	¾"	12	1.39
400-5425E210	25/32"	12	1.45
400-5426E220	13/16"	12	1.49
400-5428E220	⅞"	12	1.49
400-5429E240	29/32"	12	1.65
400-5430E240	15/16"	12	1.65
400-5431E240	31/32"	12	1.65
400-5432E240	1"	12	1.65
400-5434E270	1 1/16"	12	1.85
400-5436E320	1⅛"	12	2.19
400-5438E340	1 3/16"	12	2.29
400-5440E370	1¼"	12	2.49
400-5412SE200	⅜"	8	1.39
400-5414SE200	7/16"	8	1.39
400-5416SE200	½"	8	1.39
400-5418SE200	9/16"	8	1.39
400-5420SE210	⅝"	8	1.45
400-5422SE230	11/16"	8	1.59
400-5424SE270	¾"	8	1.85
400-5426SE320	13/16"	8	2.19
400-5428SE340	⅞"	8	2.29
400-5432SE390	1"	8	2.65
400-5434SE400	1 1/16"	8	2.75

½" SQ. DR. EXTRA DEEP SOCKETS

Stock No.	Size	Point	Price
400-5316E320	½"	12	$2.19
400-5318E320	9/16"	12	2.19
400-5320E320	⅝"	12	2.19
400-5322E320	11/16"	12	2.19
400-5324E320	¾"	12	2.19
400-5326E340	13/16"	12	2.29
400-5328E360	⅞"	12	2.45
400-5330E390	15/16"	12	2.69
400-5332E410	1"	12	2.79
400-5334E410	1 1/16"	12	2.79
400-5336E420	1⅛"	12	2.89
400-5326PAE300	13/16"	Spark Plug	2.09



½" UNIVERSAL SOCKETS

Stock No.	Size	Point	Price
400-5475E640	½"	12	$4.35
400-5476E640	9/16"	12	4.35
400-5477E640	⅝"	12	4.35

½" DRIVE HEX IMPACT SOCKETS

Extra-heavy finest quality sockets for impact or power wrenches specifically.

400-7416HE140	½"	$ .99
400-7418HE140	9/16"	.99
400-7420HE150	⅝"	1.05
400-7422HE160	11/16"	1.09
400-7424HE160	¾"	1.09
400-7426HE200	13/16"	1.39
400-7428HE210	⅞"	1.45

S-K TOOLS

¼" DRIVE SET—15 PIECES

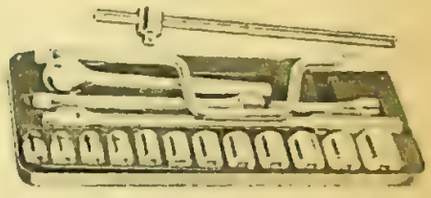
9 standard 6 pt. sockets, 5/16" thru ½"; 2 standard 8 pt. sockets, ¼" and 5/16"; Spinner handle; 2" extension; 6" extension; Ratchet. Packed in steel case.

401-4915E1650 15 pieces $12.25

20-PC. ⅜" SQUARE DRIVE

This set, in sturdy metal box, contains the following tools: Reversible Ratchet, Universal Joint, 3 Extensions, Flex Handle, Cross Bar and Standard Sockets sizes ⅜, 7/16, ½, 9/16, ⅝, 11/16 and ¾" And Deep Sockets ⅜, 7/16, ½, 9/16, ⅝, 11/16, ¾, 13/16.

401-4520E3100 20 pieces $22.95



18-PC. ½" SQUARE DRIVE

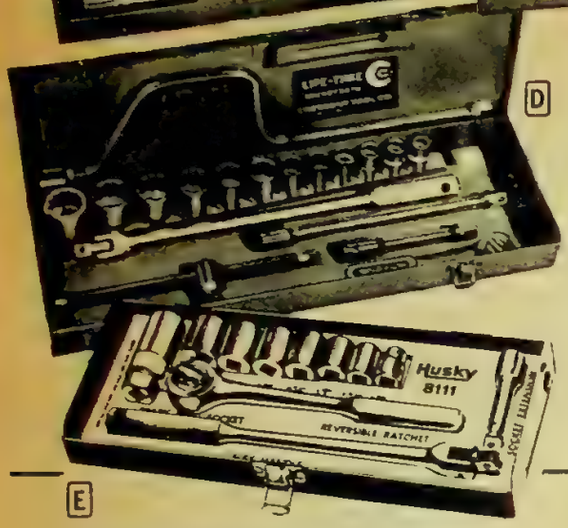
3 standard 6 pt. sockets, 7/16" thru 9/16"; 9 standard 12 pt. sockets, ⅝" thru 1⅛"; Slide T handle; 5" extension; 10" extension; Speeder handle; 17" flex handle; Ratchet. Packed in steel case.

401-4118E4500 18 pieces $32.95

16-PC. ½" SQUARE DRIVE

A basic set containing Reversible Ratchet, Flex handle, 5" Extension and Standard Sockets sizes 7/16, ½, 9/16, ⅝, 11/16, ¾, 13/16, ⅞, 15/16, 1, 1 1/16, 1⅛ and 1¼". Dual purpose Flex Handle may be used as a 17" Extension.

401-4116E3790 16 pieces $26.95



CRESCENT TOOLS LIFE-TIME SOCKET SETS

Finest quality socket sets designed, forged for lifetime service by Crescent craftsmen. Each set fitted in rugged, durable metal case for easy toting or storing. Complete with dependable ratchets, accessories.

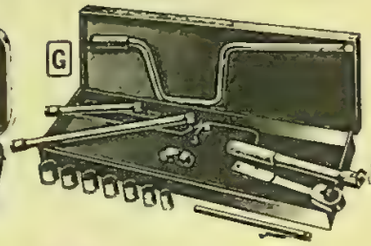
(A) 14-PC. ¼" DRIVE SET with 8 standard 6-pt. sockets 3/16" thru ½"; 2 standard 8-pt. sockets ¼" and 5/16"; 2" and 6" extensions; reversible ratchet; spinner.
359-LMB14E1650 . . $12.00

(B) 20-PC. ⅜" DRIVE SET 7 standard sockets ⅜" thru ¾"; 8 deep sockets ⅜-13/16"; 3" extension; flex handle; crossbar reversible ratchet; universal joint.
359-LTB20E3100 . . . $22.90

(C) 16-PC. ½" DRIVE SET with reversible ratchet; 16" flex handle that doubles as 17" extension; 5" extension sockets 7/16, ½, 9/16, ⅝, 11/16, ¾, 13/16, ⅞, 15/16, 1, 1 1/16, 1⅛, 1¼".
359-LSB16E3790 . . $27.00

(D) 18-PC. ½" DRIVE SET 12 standard sockets 7/16, ½, 9/16, ⅝, 11/16, ¾, 13/16, ⅞, 15/16, 1, 1 1/16, 1⅛"; Slide T handle, 5" & 10" extensions; speeder handle; 17" flex handle; reversible ratchet.
359-LSB18E4500 . . . $33.00

(E) 11-PIECE ⅜" DRIVE SOCKET SET. Contains seven 12 point sockets from ⅜" thru 13/16"; 6-point 13/16 spark plug socket; 3" extension; 10" flex handle; ⅜" reversible ratchet; sturdy metal box.
402-8111E2200 . . . . . $15.96



PRECISION Husky SOCKET SETS

Husky sets are specially made for automotive mechanics. Matched tools designed for strength, durability, of alloy steel, carefully heat-treated and finished with triple chrome plating. In handy heavy-duty metal boxes.

(F) 16-PC. ¼" DRIVE SOCKET SET. Nin 6 pt. sockets 3/16, 7/32, ¼, 9/32, 5/16, 11/32, 9/ 7/16, ½; two 8 pt. sockets ¼, 5/16; two ex tensions 2" and 6"; reversible ratchet, 6 flex handle—all in fitted metal box.
402-9016E1600 . . . . . $11.9

(G) 19-PIECE ⅜" DRIVE SOCKET SET. Contains 11 precision-made, matched sockets from ⅜" thru 1" reversible ratchet; 10" flex handle; 6" cross bar; 16" speeder; universal; 2 extensions; metal box.
402-9119E3300 . . . . . $23.90

(H) 21-PC. ½" DRIVE SOCKET SET. Includes 14 sockets from 7/16" to 1¼"; 19 speeder handle; universal joint; 18" fle handle; 2 extensions; reversible ratche sturdy metal box.
402-9221E4600 . . . . . $33.8

28-PIECE MECHANICS SOCKET SET

½", ⅜" and ¼" drive
• LIFETIME GUARANTEE

This AMERICAN MADE set includes 8" reversible ratchet ½" and ⅜" drive, reversible ratchet ¼", 3 adapters ½F x ½F, ⅜F x ⅜F, ⅜M x ¼F, 10" handled extension ¼" drive, two ¼" screwdrivers, three extensions ¼", ⅜", ½", five ¼" drive sockets 3/16", 7/32", ¼", 9/32", 5/16", five ⅜" drive sockets 5/16", 11/32", ⅜", 7/16", ½", and six ½" drive sockets 9/16", ⅝", 11/16", ¾", ⅞", 15/16".
409-1170E1800 . . $14.95

21-PC. SOCKET WRENCH SET

21-PIECE TRAY FULL OF SOCKETS. Eight 12-point steel sockets, ½" hexagon drive, sizes 7/16", ½", 9/16, ⅝", 11/16", ¾", ⅞", 15/16". Reversible ratchet, ½" ratchet extension. ½" L-handle reversible screwdriver. Six 6-point steel sockets, ¼" hexagon drive, sizes ¼", 5/16", 11/32", ⅜", 7/16", ¼" square, ¼" L-handle and long extension with shockproof plastic handle. In handy all-metal tote tray.
409-1165E800 . . $12.95

8-PC. METRIC SET. 7 hex ¼" drive sockets: 6, 7, 8, 9, 10, 11, 12mm. All in plastic box. Guaranteed for life.
409-1102E340 . $2.95

METRIC SOCKET SETS

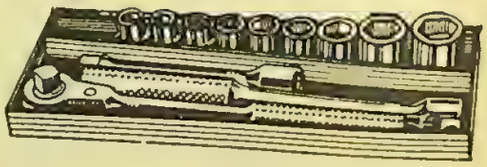
THORSEN
OAKLAND, CALIF., U.S.A.
HOT FORGED TOOLS

For Foreign Cars, Bicycles, Motorcycles

METRIC WRENCH SETS

6-PC. SET—8mm, 10mm, 12mm, 14mm, 17mm, 19mm, in snap-shut plastic pouch.
404-MC6E1060 . . . . . $9.08

9-PC. SET—8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm. Plastic pouch. Hot drop forged tool steel.
404-MC9E1580 . . . . . $12.90



10-PIECE CLIP SET. 9 sockets in metal clip: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 18mm, 19mm. ⅜" drive.
404-CS10E800 . . . . . $7.36

13-PIECE ⅜" DRIVE METRIC SOCKET SET. Fully guaranteed hot drop forged sockets in steel case with hinge and clasp. Includes: flex handle; ratchet; 5" extension; 9 sockets 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, and 19mm. The most needed sizes. In metal box.
404-M3813E2100 . . . . . $18.52

UNION CARBIDE

PRESTONE®

CAR CARE PRODUCTS

SILICONE POLISH

Wipe on . . . Wipe-off

- Shines Like The Sun
- Miracle Silicone Formula
- Polishes Clean
- Protects Against Weather
- Can be applied in Sun

410-149E150 Pint $1.35

CAR POLISH-CLEANER

Cleans and Polishes

- High Speed Silicone and Liquid Wax Formula
- Easy to apply . . . even in the Sun!

Pint
410-150E230 . . $1.95

"PRIME" Gas-Line Anti-Freeze

- Just Add to Gas
- Prevents Gas-Line Freeze
- Stops Carburetor Icing
- Assures Quick Starts In Coldest Weather
- Prevents Icing Stalls
- Big 12-oz. Can

4410-225E120 8 ozs. $1.00

ANTI-RUST & WATER PUMP LUBRICANT

- Prevents Rust, Corrosion
- Prevents Excessive Engine Heatup
- Keeps Cooling System Clean
- Protects Metal and Rubber Parts
- Exclusive Polar Film

410-110E130 12 ozs. $1.15

PRESTONE OIL MISER

Cuts Smoking

- Saves Oil . . . Saves Money
- Stops Oil Burning
- Restores Lost Power
- Quiets Noisy Engines
- Cuts Exhaust Smoking

410-223E150 15 ozs. . . . $1.30

PRESTONE UPHOLSTERY CLEANER

- For Plastics, Leatherette Fabrics, Rugs
- For Car or Home
- Safe, Effective
- Foam Cleaner
- Applies Direct to Surface
- Dries Fast . . . no "Deep Wetting"
- New Formula

410-175E200 16 ozs. $1.55

PRESTONE "SEE TO GO" Spray DE-ICER

FOR . . .

- Windshields
- Locks • Lights
- Defrosts Instantly
- Melts Blinding Ice
- Prevents Ice Formation
- Harmless to Auto Finishes

410-242E170 14 ozs. . $1.39

PRESTONE CAR WASH

Dynamic Detergent Removes Tough Dirt and Grime FAST!

- Suds in hot or cold water
- Rinses bright . . . no streaking
- Dries fast
- Economical . . . jumbo size can

410-159E130 10 ozs. $1.00

CARBURETOR & COMBUSTION CHAMBER CLEANER

- Frees Sticky Valves and Improves Compression
- Removes Carbon, Gum, Varnish
- Improves Acceleration
- Increases Power
- Adds Mileage

410-224E240 15 ozs. $1.90

SPRAY-ON DE-GREASER

Hoses Off!

Just Spray On:

- Car, Truck Engines
- Lawn Mower Engines
- Garage Floors
- Dissolves Grease, Oil, Sludge . . . FAST!
- Rinses Bright with Clear Water
- For Any Oily Surface

410-186E200 20 ozs. $1.69

PRESTONE CARBURETOR TUNE-UP

Works As You Drive

- Concentrated Fuel Detergent
- Add to Gas Tank
- Keeps Carburetor, Gas Line Clean
- Lubricates Valves
- Fights Rust
- Quiets Engines
- Gives Easier Starts
- Works While Driving

410-225E120 8 ozs. . . $1.00

SEALER and STOP LEAK

Ideal for today's hi-pressure cooling systems.

- Acts fast
- Stops seepage and leaks
- Protects longer
- Mix with plain water and all anti-freeze types

410-120E130 12 ozs. $1.15

WHITEWALL TIRE CLEANER

- Instant Action
- Super-powered
- Removes Film, Stains
- Cleans Bright White in Just 30 Seconds
- Aerosol-type Spray
- Easy to use
- Cleans Bright . . . Makes Your Car Look Better
- Economy Size

410-170E150 11 ozs. $1.25

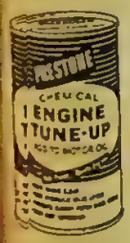
PRESTONE CHROME POLISH AND CLEANER

- Removes rust and stains
- Cleans to a "factory bright" trim
- Easy . . . fast acting
- Will not scratch
- For car or chrome trim in the home
- Easy to use

410-182E130 12 ozs. . . . $ .98

PRESTONE ENGINE TUNE-UP

Works As You Drive



Super Motor Oil Detergent Tunes Up Your Engine While You Drive!

- Frees Hydraulic Valve Lifters
- Quiets Noisy Engines
- Stops Rust
- Adds Power, Miles
- Add to Motor Oil

4410-230E250 15 ozs. $2.00

PROTECT YOUR CAR WITH *CLASSIC* CAR PRODUCTS

SILICONE SPRAY LUBRICANT

Protects, Preserves: Rubber Hoses, Engine Mounts and Fan Belts.
Moisture-proofs: Ignition Systems, Door Seals, Weather Strips.
Lubricates: Hinges, Locks, Screws, Windows, Bolts, Closet Slides and Drawers.
16 oz. can.
411-K1E200 $1.98

IGNITION SPRAY

Locks Out Moisture

- Stops Ignition "Shorts" troubles caused by Moisture Penetration
- Promotes Instant Starts
- Lets Ignition System Give Its Best Performance in wet or dry weather . . . year 'round
- 16 oz. Can

411-K4E200 $1.89

PLASTIC SPRAY

- Completely Transparent
- Quality Acrylic Spray leaves Clear Protective Coating on Bumpers, Chrome, etc.
- Durable, Waterproof, Dirt-proof
- Dries in Minutes
- Lasts for Years
- 16 oz. Can

411-K17E200 $1.89

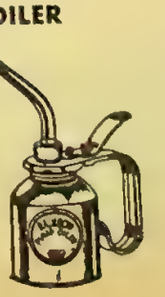
E-Z PRECISION OILER

Refillable precision oiler squeezes exactly one drop at a time. Slim needle spout. Break-resistant. Stainless steel nozzle tube. Filled with oil.
600-954E100 . $1.00

EAGLE ALL Brass PUMP OILER

Super pump oiler made of one-piece seamless drawn brass with ground brass plunger. Spark proof. Detachable tip. Flanged base. Big 6 oz. capacity. Two styles of arm.
319-66FE420 . . . $3.00
6½" Flexible

EAGLE PUMP OILER



Rainbow pump oiler with parts removable for cleaning ease. Attractive golden-bronze oiler with 6" spout and ¾ pint capacity.
319-RBAE220
$1.50

EAGLE PUMP OILER

Positive action hydraulic pump mechanism for full stream or one drop oiling. Seamless drawn steel body, double seam bottom.
Flexible 6½"—5 ozs.
319-58FE200 . $1.75
Rigid 4½"—4 ozs.
319-58E160 . . $1.25

RITE AUTOTRONICS

Precision-made, Quality Auto Maintenance Equipment, Engineered for Time-Saving Operation. Sturdy, Reliable. Performance Guaranteed!

MOTOR MONITOR

- Vacuum-Fuel Pump Tester
- Motor Monitor
- Mounts on Dashboard

Custom-look dash dial is easy-to-read, 2½" diameter 4-color printed on face. Tells at a glance how to save gas, drive more efficiently, avoid costly repairs. Precision vacuum gauge coded "Power, "Driving", "Idle", "Coasting" Ranges. Calibrated 0-30" vacuum; 0-7# pressure.

418-538E540 ..... $6.06

OIL PRESSURE GAUGE

Handsome, luxury finish gauge shows oil pressure from 0 to 80 psi at a glance. Custom look dial is 2" in diam. with chrome bezel and black leatherette insert. Illuminated for easy reading even at night. With installation kit.

418-283E860 ..... $8.79

WATER TEMP. GAUGE

Illuminated, unusually attractive 2" diam. gauge shows water temperature from 100° to 250°. Striking diamond striped bright chrome panel has universal application. Complete with temperature sending unit (½" pipe thread), hook-up wire.

418-313E1480 ..... $15.35

AMMETER

Large, illuminated, easy-to-read 2" diam. dia registers 60-0-60 amperes. Heavy duty, precision, sealed against dust and moisture unit for cars, trucks, tractors, marine use. Panel is smart diamond-stripe chrome. Universal mount, with all hardware.

418-362E670 ..... $6.70

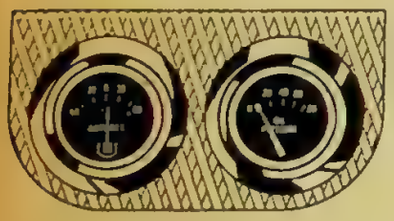
2-IN-1 CURRENT GAUGE

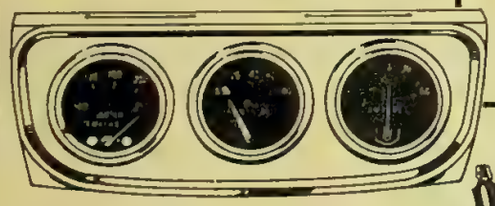
A starter and generator current indicator in one! 80-0-80 Amps generator scale; 400-0-400 starter scale. Operates by induction. Striking chrome case.

418-516E800 ..... $8.70

3-IN-1 DASH-MOUNT GAUGES SET

Pressure Ammeter Temperature





DUAL GAUGE KIT

Lighted twin gauges—0-80 psi oil pressure gauge, 60-0-60 ammeter. Diamond stripe chrome panel, universal mount. With light (socket, bulb, bracket), all hardware needed.

418-840E1080 ..... $11.30

3 gauges: 0-80 lbs. oil pressure gauge, 60 0-60 ammeter, and 100-250° water temperature gauge. Heavy-duty, die-cast, triple plated chrome. Complete installation kit includes: ⅛ tubing, ¼" brass bushing, ⅛" brass male fitting, sending unit and hook-up wire for water temperature gauge. Accurate readings replace or supplement flashing indicator lights.

418-858E2740 ..... $28.97

JUMPER CABLES

For temporary electrical connections. Checks broken wires, loose connections, dash instruments, circuit continuity. Distinctive red color.

418-580E160 .. $1.50

ENGINE TUNE-UP MANUAL

32-page manual for American and Foreign cars, trucks. Complete Engine Tune-Up Guide.

418-740E140 ..... $1.00

DUAL PURPOSE Mileage Monitor

Increases Gas Mileage Up to 25%

Shows Miles Per Gallon at Any Cruising Speed

4" diam. gauge! Shows best cruising speed and analyzes engine condition. Indicates 5 to 45 MPG, plus 0-30" mercury manifold pressure. Bourbon tube movement, 270° range, warranted 1 year! Back-lighted triple-chromed gauge has unbreakable optical lens; swivel mounting bracket; 2 mounting screws, 6 feet of ⅛" tubing; ¼"-⅛" PT adaptors, coupling and tubing. Complete ready to install and start saving on gasoline consumption.

418-131E2300 ..... $24.60

0-8000 RPM TACHOMETER

Lighted 3½" Dial

Zener Diode controlled 6 or 12V, positive or negative ground electronic unit for any transistor ignition. Non-breakable Lens. Unaffected by vibration, sealed against moisture, dust. Unbreakable body, triple chromed bezel, back. Universal mounting. Built-in indicator for pinpoint shifting.

All Chrome Tachometer

418-301E5230 For 4, 6, 8 Cylinders $55.34

Black & Chrome Tachometer

418-300E4070 6 or 8 Cylinders $43.20
418-307E3040 8 Cylinders only 32.23
418-306E3040 6 Cylinders only 32.23
418-305E3040 4 Cylinders only 32.23

Finest DC and AC Timing Lights

PROFESSIONAL DC TIMING LIGHT

Operates directly from car battery . . . needs no external power hookup. Use anywhere. Burnout-protected. For 6 or 12V. Unbreakable nose cone protects lens and plug-in replaceable Xenon tube. Triple chromed die cast body sealed against dust & moisture. Shock-proof design. Lifetime guarantee against factory defects. Easy instructions.

418-524E4130 ..... $46.90

DC POWER TIMING LIGHT

Stop timing mark as engine operates, test spark advance, synchronize double points, detect worn distributor shaft, etc. Non-break case with collimating lens, replaceable bulb. Remote control starter switch to crank engine from outside. 6, 12, or 24-volt ignition systems.

418-503E880 ..... $9.85

AC POWER TIMING LIGHT

Deluxe AC light operates on standard 110-volt outlet. Xenon Strobe tube. Brilliant white light. Shock-proof case with Fresnel collimating lens. Built-in trigger switch. Has hundred-and-one uses for car-owners, mechanics.

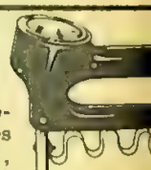
418-509E2100 ..... $23.80

REMOTE CONTROL STARTER SWITCH

Cranks engine from outside while you adjust tappets, points and bearings. Ideal for testing compression, fuel pump, generator, electrical system, and other under-the-hood checks. Heavy duty wipe-action switch. Extra-long leads resist gas, oil. Silver contacts. Overload fused. No key needed.

418-545E880 ..... $9.90

BATTERY CELL TESTER



Checks battery's delivery power, locates defective starter, solenoid, corroded cables, loose connections, frozen engine. 3-0-3 volts range. Starter load simulated by alloy shunt between adjustable prods. Designed to quickly locate the cause of battery trouble.

418-512E840 ..... $9.20

4-PIECE TEST KIT

Includes: remote starter switch; Vacuum and fuel pump tester; Compression tester; Timing light. Precision built, fully guaranteed testers. Contains complete easy-to-follow instructions.

418-817E1980 ..... $22.50

COMPRESSION TESTER

Locates Trouble Fast In Valves, Piston Rings & Cylinders. 2½" easy-read dial; offset stem to read from back cylinders with ease. Calibrated from 0-300 lbs. of pressure. Universal spark plug cone.

418-535E520 ..... $5.75

TEST-IT-YOURSELF INSTRUMENTS

Tune-Up Equipment . . . Each Tester Does A Specific Job Faster, Better, Easier. Easy-to-use hand-shaped instruments with easy-to-read dials. Each comes with simple-to-follow instructions. All are shock-resistant for long service life.

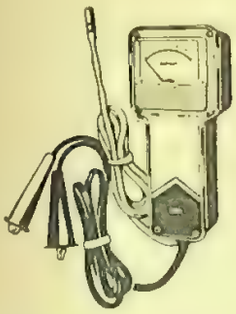
IDLE TACHOMETER

For Engine Tune Ups . . . For 4, 6, 8 cylinder engines, 6 or 12V systems. Measures low RPM ranges. Direct-reading. Connect leads . . . read meter. Requires no calibration. Helps adjust for smooth engine performance. Operates off auto's ignition primary circuit. Also checks weak cylinders, valves, bad plugs, air-filter capacity, air-fuel ratio, distributor centrifugal advance.
418-525E2420 . . . . . $27.50

CAM DWELL TESTER

Direct-reading check of distributor condition . . . just connect leads, read. Indicates time ignition breaker points are closed during engine rotation, expressing time in degrees as Cam Dwell Angle. Variations warn of worn distributor shafts, bushing, breaker plate, and other problems. Easy hook-up.
418-526E2420 . . . . . $27.50

COIL TESTER



Shows Condition of ignition coil, condensers, circuits. For 6 or 12 volt systems. Essential aid in locating ignition troubles . . . indicates output, pinpoints any defects in ignition components—in coil, points, condenser, etc. Easy-to-read instrument hooks up with single simple operation. Makes it simple to spot ignition troubles quickly; accurately.
418-527E2420 . . . . . $27.50

ALTERNATOR DIODE and IGNITION CABLE TESTER

Tells instantly if Diode is Good. Locates Defective Cables, Solenoids, Connections, Starter, etc. Determines if individual diodes in alternator are shorted or open. Tests continuity of any circuit or accessory disconnected from battery. Finds poor connections, bad resistors and traces trouble to origin. Color-zone calibrations are easy-to-read. Tester has its own battery—can't short the auto battery circuits.
418-528E2420 . . . . . $27.50

VACUUM & FUEL PUMP TESTER

Checks Pressure & Suction of Fuel Pump and Vacuum System. Connect leads, read the 3-color coded 2½" diam. dial. Shows when repairs are needed. Calibrated from 0-30" for vacuum; from 0-7 lbs. for pressure. With tubing, easy to follow directions.
418-536E540 . . . . . $6.06

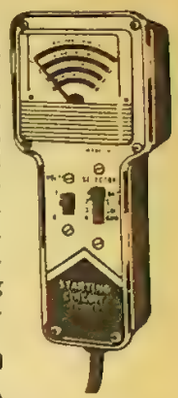
DWELL-TACHOMETER

Double-duty—measures RPM and Dwell. Indicates if breaker points are spaced too close or too wide. Reveals dwell angle variations that indicate worn distributor shafts, bushing or breaker plate, etc. Measures low RPM ranges to aid in adjusting for smooth engine performance. Checks out weak cylinders, valves. 4-6-8 cylinder engines.
418-530E3800 . . . . . $43.00

DUAL Range Tach AND Ignition Point Resistance TESTER

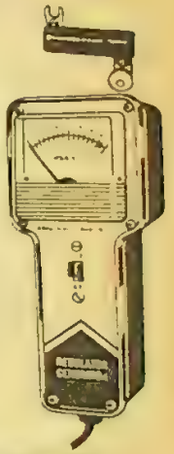
Pinpoints Ignition Trouble Sources to Eliminate Hard Starting or Misfiring at High Speeds. Use to adjust engine to proper idling speeds in automatic transmission cars. Perform specialized high speed engine adjustments; correct hard starting, check ignition primary circuits, tells when to change air cleaner element. For 4-6-8 cyl., 4 cycle; 2-3-4 cyl., 2 cycle engines; 6 or 12 volt, positive or negative ground systems.
418-533E3800 . . . . . $43.00

STARTING CIRCUITS TESTER



Pinpoints and quickly isolates problems caused by worn starter switch, open or shorted circuits, faulty battery or cables, defective or locked starter. For 6 or 12V, positive or negative ground systems. 1-hand use. Diagnosis guide on handle. Factory calibrated and warranted. Includes test instrument, holder, mounting bracket, oil- and gas-resistant leads.
418-532E3800 . . . . . $43.00

REGULATOR-GENERATOR TESTER



Quickly, Accurately Test Voltage, Generator or Alternator. Small size for 1-hand operation. Checks generator output, voltage, alternator output voltage, regulator voltage relay, regulator cut-out and current relays. Pinpoints many other troubles as well before major troubles develop.
418-529E2420 . . . . . $27.50

AUTO SEAT COVERS . . .

. . . That Fit Like a Glove

Embassy

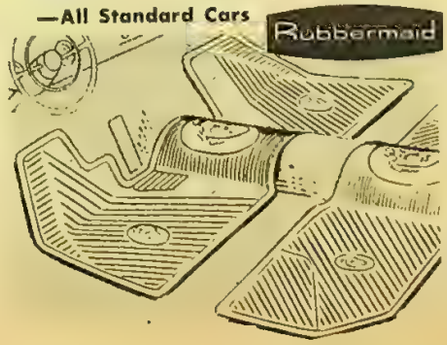
Chrome-Puf

TAILORED TO FIT ALL STANDARD AMERICAN CARS—1949 TO PRESENT

Tailored to fit, Tutone 3-Dimensional fiber seat covers of heavy-duty plastic coated fiber, trimmed throughout with virgin vinyl. Cord welted. Colors: Black, Brown, Blue, Red, Green. Turquoise. **Specify color; make, year, model name or number of car and whether 2 or 4-door or convertible.**
415-V720E2380 *Set* $24.95

Newest, coolest cushion-puff woven plastic in new styling with newest colors. Cotton-backed leatherette trim. Self-tone cord welted throughout. Colors: Red, Black, Brown, Metallic Green, Metallic Blue. **Specify: color, make, year, model name or number of car, 2-door, 4-door or convertible.**
415-V1170E4250 *Set* $39.95

Universal Fit for Front, Rear Floors —All Standard Cars



CORONADO ONE-PIECE AUTO MATS

Practically indestructible . . . can't even be punctured by spike heels. For door-to-door coverage. Catches and holds dirt, water, mud. Cleans easily.

Metallic Black Vinyl Mats
413-1764E880 Front—64 x 26" $9.98
413-1765E720 Rear—60 x 17" 7.98

Crystal Clear Vinyl Mats — lets carpet color show through.
413-1709E880 Front—64 x 26" $9.98
413-1710E720 Rear—60 x 17" 7.98

CHAMPION SPARK PLUGS

Famous throughout the world for quality and workmanship. Designed, engineered for longer, smoother, more dependable service.

THESE 9 TYPES SERVICE OVER 90% OF 1956-1966 AMERICAN PASSENGER CARS INCLUDING COMPACTS.

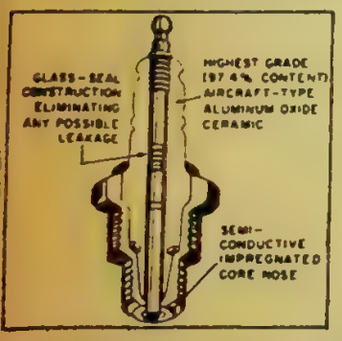
F-9Y	COMET 1964-67, 289, 390, 427 cu. in. V-8; CONTINENTAL 1966-67; COUGAR 1967, 289, 390 cu. in. V-8; FALCON 1964-67, 289 cu. in. V-8; FORD 1962-67, 200 & 223 cu. in. 6-cyl. (Cont.)	FORD 1959-67, 352, 390 cu. in. V-8; (Cont.) 1963-67, 289 cu. in. V-8; 1962-67, 406, 427 cu. in. V-8; LINCOLN 1966-67; MERCURY 1963-65, 406, 427 cu. in. V-8.
UJ-10Y	BUICK 1963-66, 425 cu. in. V-8; CHEVROLET 1959-62, 6-cyl.; OLDSMOBILE 1959-67, 330, 394, 400 and 425 cu. in. V-8.	PONTIAC 1963-66; 389, 421 cu. in. V-8; TEMPEST 1966, 389 cu. in. V-8 GTO; PONTIAC 1967, 400 cu. in. G.T.O.; TEMPEST 1967, 428 cu. in.
UF-11Y	CONTINENTAL & LINCOLN 1958-65; FORD 1958-67, 352, 390 cu. in. V-8; FAIRLANE 1962-65, 221, 260 cu. in. V-8; COUGAR 1967, 390 cu. in. V-8.	MERCURY 1961-66, 352, 390 cu. in. V-8; THUNDERBIRD 1958-66, Std. V-8; FORD 1965-67, 200, 240 cu. in. 6-cyl.
UJ-12Y	STUDEBAKER 1965-67, V-8; BUICK 1965-67, 300 cu. in. V-8; BUICK 1958-65, 364, 401 cu. in. V-8; CADILLAC 1957-67.	CHEVROLET 1955-67, 283, 265 cu. in. V-8; CHEVY II & CHEVELLE, 283, 327 cu. in. V-8; PONTIAC 1959-67, 389 cu. in. V-8; TEMPEST 1961-63, 4-cyl., 1963-65, V-8.
UN-12Y	CHEVROLET 1963-67, 6-cyl., 1966-67, 396, 427 cu. in. V-8; OLDSMOBILE 1966, 250 cu. in. 6-cyl.; TEMPEST 1964-65, 6-cyl.; RAMBLER 1967, V-8.	STUDEBAKER 1965-67, 6-cyl.; CHEVELLE, 6-cyl.; CHEVY II, 4 & 6-cyl.; CORVETTE 1966-67, 396, 427 cu. in. V-8.
UF-14Y	COMET 1960-66, 144, 170 cu. in. 6-cyl.; FALCON 1960-67, 6-cyl.	FORD 1955-59, 6-cyl., 1955-57, V-8, 1958-62, 292 V-8; MERCURY 1955-62, 292, 312, 368 cu. in. V-8.
J-14Y	CHRYSLER 1959-67, 361, 383 cu. in. V-8; DODGE 1960-66, 318, 361 cu. in. V-8; DODGE 1967, 383 cu. in. V-8.	IMPERIAL 1959-65, All; PLYMOUTH 1960-66, 318, 361 cu. in. V-8; PLYMOUTH 1967, 383 cu. in. V-8.
H-14Y	RAMBLER MARLIN 1966, V-8; RAMBLER & CLASSIC 1960-64, 196 cu. in. 6-cyl.; CLASSIC & AMBASSADOR 1960-66, V-8.	STUDEBAKER 1961-64 all 6-cyl. engines; 1960-64 all std. 269 cu. in. V-8 engines.
N-14Y	RAMBLER 1965-67, 199 cu. in.; 1964-67, 232 cu. in. 6-cyl.; MARLIN 1966-67, 6-cyl.	DODGE, DART, LANCER 1960-67, 6-cyl.; PLYMOUTH, VALIANT 1960-67, 6-cyl.; DODGE & DART 1964-67, 273 cu. in. V-8.
UL-15Y	BUICK SPECIAL 1961-63, Std. Alum. V-8; CORVAIR, 95 h.p. Engine.	OLDSMOBILE F-85 1961-63, Alum. V-8; TEMPEST 1961, Alum. V-8.

Specify Spark Plug Type Number from Chart Above

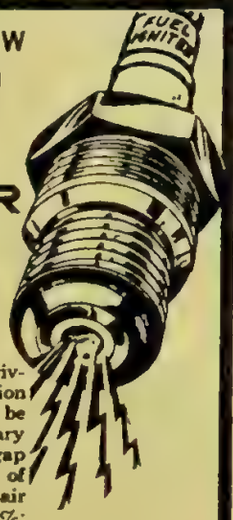
417-8CSPE990 Complete Set of 8 Plugs $8.64
417-CSPE130 Each Plug 1.08

Special Lawn Mower Spark Plug

417-J17LME130 Each Plug 1.08



AMAZING NEW JET FUEL IGNITER



NEVER CLEAN ADJUST OR REPLACE

Jet Fuel Igniters save you money while they add to your driving pleasure. They are guaranteed unconditionally to function properly for the life of your car or 30,000 miles or they will be replaced until they do. Jet Fuel Igniters replace your ordinary spark plugs and differ from them in that they have no air-gap for the spark to jump! They BURN LESS GAS because of the tremendous flame spark and operate with leaner gas-air mix. Miles per gallon of gas will increase as much as 30%; acceleration (pick-up) will increase; your car will start quicker in cold and wet weather—less battery drain; and your Jet Fuel Igniters never have to be cleaned, gapped or adjusted—or replaced. They actually improve with age because carbon building up on the nose aids conductivity, helps ionization, enhances gas flame propagation.

All this—yet only pennies more than old fashioned plugs. Specify car make, model and year when ordering.

GET MORE POWER USE LESS GASOLINE

131-6JE1790 Set of 6 ..... $15.00
131-8JE2390 Set of 8 ..... $20.00

STOP FLATS Converts Present Tire Into SELF-SEALING, PUNCTURE-PROOF TIRES

PERMANENT—For the Life of the Tire
SAFE—Won't Gum, Ball or Unbalance Tire

STOP FLATS is a protective sealing force that acts the moment a puncture occurs to form an immediate, airtight and permanent repair. Applies in a minute through valve. Continuous . . . works puncture after puncture. NOT A REPAIR KIT. Good for all passenger car tires new or used, tubed, tubeless, even retreads.

421-49030E380 ..... $2.9

REMANUFACTURED SPARK PLUGS

10,000 MILE GUARANTEE
A-C or AUTOLITE or CHAMPION

These sparkplugs are Unconditionally Guaranteed to give 10,000 miles of satisfactory service. All sparkplugs are carefully chosen, matched and thoroughly cleaned by acid baths and high pressure blasting. Center electrodes are ground to insure same fire as obtained from new plugs. All plugs electronically tested. Specify YEAR, MAKE and MODEL No. of car when ordering.

416-8RPE260 Set of 8 Plugs $1.98

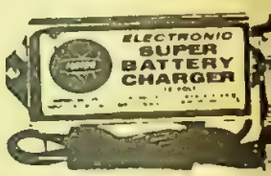
BATTERY CHARGER

For 6 or 12V; Auto, Boat, Tractor, Shop UL & CSA Appr.

Avoid Winter Worry and Freezing Temperature Tempers with the new "CHARMASTER" Battery Charger that ensure fire readiness and dependability during the coldest of winter. Protected against overload by reset circuit breaker. No overcharge. Works from any house outlet. With rugged prime steel case, cord, 2 separate 6 ft. battery leads, 1 black, with sure grip 50 AMP clamps. U.L. & CSA approved and unconditionally guaranteed.

407-CM1E820 1 AMP Unit ..... $
407-84E1900 4 AMP—w/Meter
407-1012E3800 12 AMP—w/Meter
407-1020E6600 20 AMP—w/Meter

SUPER BATTERY CHARGER



For all 12V Cars, Boats, Tractors. Keep battery fully charged in any weather. Assure quick starts, always. Built-in rectifier, transformer. Can't overcharge.

408-BC12E550 ..... $

REPAIR 'n AIR

- No Tools
- No Work

- No Jacking Up Car
- No Soiling Clothes
- No Changing Wheels

Aerosol cylinder you just apply in valve. Has a sealant compound that seeks out, plugs and seals puncture, at the same time inflating tire to proper air level. Works in just 2 minutes!

411-RRE220 ..... $1.95

SPARK PLUG & CABLE TESTER

Retractable test probe needle tests ignition cables, helps detect faulty condensers, coils, breaker points.

408-SPKE320 ..... $3.50

BOOSTER CABLES

#6 Gauge, 8-ft. long cables—heavy duty, flexible, oil-, grease-, moisture-resistant. Plastic insulated handles, color coded.

169-6001E270 Pair $2

Glenn's New Auto Repair Manuals

Trouble shooting—the engine, fuel system, electric system, power train, suspension and steering, brakes and air conditioning. Covers automotive theory and service for every essential repair. Covers every American car back to 1957.
427-5080E1480 Amer. Cars $ 9.95
427-5082E2580 Foreign Cars 17.50

GLENN'S NEW AUTO REPAIR MANUALS

Glenn's Alfa-Romeo Repair and Tune-Up Guide.
427-5108E850 ..... $5.50
Glenn's Austin, Austin-Healey Repair and Tune-up Guide.
427-1432E700 ..... $4.50
Glenn's Fiat Repair and Tune-Up Guide.
427-1344E700 ..... $4.50
Glenn's Foreign Carburetors & Electrical Systems Guide.
427-1435E1320 ..... $8.50
Glenn's Jaguar Repair and Tune-Up Guide.
427-5083E920 ..... $5.95
Glenn's MG Repair and Tune-Up Guide.
427-1343E700 ..... $4.50
Glenn's Mercedes-Benz Repair and Tune-Up Guide.
427-5084E1170 ..... $6.95
Glenn's Peugeot Repair and Tune-Up Guide.
427-5006E700 ..... $4.50
Glenn's Renault Repair and Tune-Up Guide.
427-1346E610 ..... $3.95
Glenn's Sunbeam-Hillman Repair and Tune-Up Guide.
427-5085E920 ..... $5.95
Glenn's Triumph Repair and Tune-Up Guide.
427-1433E700 ..... $4.50
Glenn's Volkswagen Repair and Tune-Up Guide.
427-1345E610 ..... $3.95
Glenn's Volkswagen Repair and Tune-Up Guide—Spanish ed. (paper).
427-5127E610 ..... $3.95
Glenn's Volvo Repair and Tune-Up Guide.
427-1434E700 ..... $4.50
My Father Mr. Mercedes.
427-5192E920 ..... $5.95
Honda Repair and Tune-Up Guide.
427-5154E770 ..... $4.95
Mustang Repair and Tune-Up Guide.
427-5148E770 ..... $4.95
Motorcycle Troubleshooting Guide.
427-5153E770 ..... $4.95
Motorcycle Troubleshooting Guide, paper.
427-5191E610 ..... $3.95
Automatic Tranmissions.
427-5184E1230 ..... $7.95
My Days With the Diesel.
427-5197E920 ..... $5.95
Automobile Engineering Drawing for Technical Students.
427-5203E1000 ..... $6.50
Yamaha Repair and Tune-Up Guide.
427-5155E770 ..... $4.95
The MG Story.
427-5196E770 ..... $4.95
Suzuki Repair and Tune-Up Guide.
427-5156E770 ..... $4.95
The Jaguar Story.
427-5195E770 ..... $4.95
Automobile Engine Rebuilding & Maintenance.
427-5230E1230 ..... $7.95

12 Volts Only
No Air Tanks
Required

TRIPLEX SIGNAL HORN

Deluxe horn with strong, insistent, distinctive 3 alternate musical notes. Special toggle switch mounts on dash. Triplex heavy duty compressor. Chrome-plated brass trumpets. Can be heard 3 miles. 5x9x15".
425-53E9180 10 lbs. . . $79.95

12 Volts Only
No Air Tanks
Required

SINGLE NOTE HORN

Clear, distinctive tone, almost twice as loud as ordinary horns. Compressor pumps air to trumpets the instant horn button is pressed. Mounts under hood. Range: 1 mile. Chromed brass trumpets. 6x4x13".
425-32E3740 ..... $34.50

6 or 12 Volts
No Air Tanks
Required

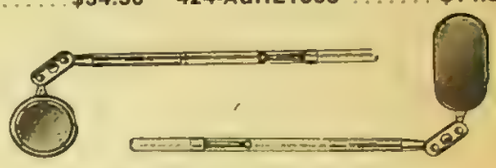
AH-OOO-GAH HORN

Perfect for sports car enthusiasts Approved the world over by members of Hot Rod, Antique Car, and other clubs. An exact replica of its original, but motor-driven. 6 or 12 volts. Chromed bell, black housing.
424-AGHE1990 ..... $14.95

Clips Onto
Present Mirror

Giant Size Rear View Mirror

See 6 Lanes at Once. Safer driving and less strain with this new mirror more than a foot long! See whole new range behind and alongside car. Panoscopic glass sharpens visibility, wide angle vision eliminates blind spots of cars passing left or right suddenly. No installation needed. clips on present mirror.
433-3E250 ..... $1.98



INSPECTION MIRRORS

Large, easy-view finest quality mirrors, bring any out-of-the-way spots right into front and center focus. 6" long adjustable arms let you change the angle to suit your needs. Choice of 3 styles.
350-555E190 1" Round $1.40
350-558E250 1" x 2" Oval 1.80
350-560E310 2" x 3½" Oblong 2.30

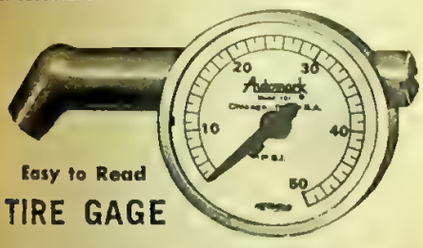
FIRE EXTINGUISHER

Designed to extinguish small oil, gasoline, wood, electrical, grease, and paper fires. Made of durable red plastic—12 inches long Contains one pound of A.B.C. type dry chemical. Just aim at base of flame and pump. For home, car, boat, hobby shop, trailer, etc. Handy wall mounting bracket. Unique accordion-action container—light and flexible.
905-101E250 ..... $2.98

NEW

MAGNETIC BASE JET CLOCK

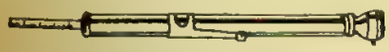
A beautiful magnetic-grip 30-hour springwind clock with a precision-movement in a jewelry-styled plastic case!
Powerful magnet in the base grips tight to any steel surface. Use it on any other surface . . . Black airplane-type dial with luminous hands and hour markers. Chrome circular bezel. The ringing alarm alerts you gently.
426-960E990 ..... $6.95



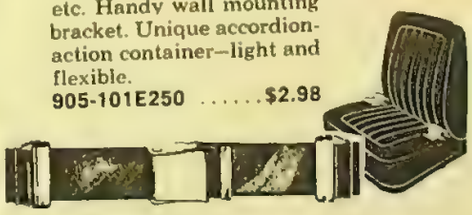
Easy to Read

TIRE GAGE

Indicator needle stays on reading after removal from tire valve! Simply press reset button on back of gauge to return needle to stop. Tough, rugged DuPont Delrin body. Brass, steel, and neoprene internal mechanism. Lifetime silicone lubrication. Unique piston design unaffected by changes in altitude, temperature and humidity. Accurate to within 1 lb. from 10 to 40 on the scale. Vinyl case included. Guaranteed one full year.



TIRE GAUGE. 5 to 50 lbs. pressure. Lets you properly inflate tires to add thousands of miles to your driving. Flat bar register. Accurate, guaranteed. Easy to use.
409-55E150 ..... $1.29



AUTO SEAT BELT REELS

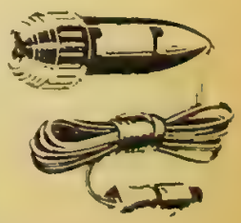
Roll seat belts away automatically . . . Roll-a-belt reels keep your seat belts neatly rolled against the back of your car, ready for instant use. This means no more belts falling into the mud as you get out of the car . . . or getting slammed on . . . stepped on . . . or sat on. Ends fumbling and searching, too . . . makes seat belts easy to use, so they will get used, always. Slips quickly, easily onto belts . . . installs in seconds without tools. Fits all cars, and all seat belts. Durable, attractive stainless steel and aluminum construction. Sold per set of two.
406-1000E240 ..... Set $3.95

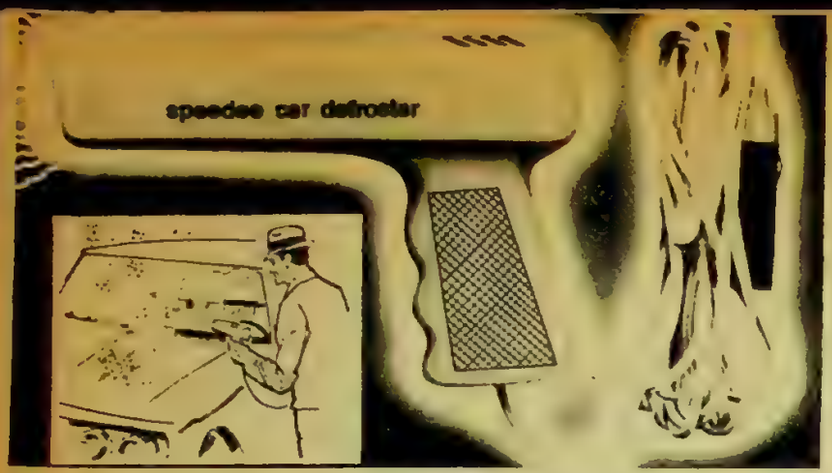
Auto Flashing Red Warning Signal

Can be used as hand signal or rubber suction cup base mounted on stranded vehicle for road emergencies. Dome made of shock-resistant plastic, base of high grade rubber. Plugs into cigarette lighter.
935-102E250 . . $2.98

AUTO FLASHLIGHT

The only flashlight designed exclusively for the automobile. Provides more light than a five-cell flashlight. Plugs into cigarette lighter socket—No batteries to burn out or recharge. BODY has a powerful magnet which adheres to metal surfaces. 10 Ft. cord reaches all parts of car. Plastic body glows red for safety.
935-106E250 ..... $2.98





CAR WINDOW DEFROSTER GUN

No more driving hazard of frosted windows on frigid mornings when you need maximum visibility. Defrost Gun plugs into cigarette lighter. Clears windshield, windows quickly with warm air. Drive to work or school almost at once without waiting for heater to do job. Enjoy vision in worst weather. increase driving safety with ease. Keep in glove compartment.
610-5698E700 .....$4.98

4-LITE EMERGENCY SAFETY FLASHER

Converts rear brake & front park lights to 4 simultaneously flashing safety blinkers. Automatically tests brake lite switch, too. Mounts under dash in minutes! 6 or 12 volt use.
408-FL4E490 .....$5.95

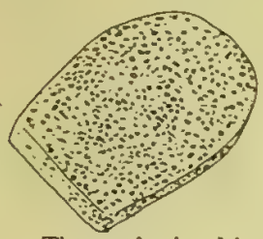
SWAMI KLOTH

Scientifically treated silicone polishing cloth 18"x36"—A waterless wash in just 6 minutes. Spreads a thin, hard, transparent film that makes finish gleam. Useful for polishing tools, golf clubs, woodwork, windows, anything. DRY cloth contains silicone, cleaning agents, protective waxes and water repellents. Use over and over.
428-1836E390 .....$3.95

Giant Revolving Safety Light

Plugs Into 12 Volt Lighter Socket

Signals for Help For Miles Around! Suction mounts to roof or boat deck, plugs into auto cigarette lighter. For trucks, camping, too. Safeguards in emergency situations.
408-TURE1040
.....$12.95



PRO'S WASH-PAINT POLISH MITT

The professionals' choice . . . made of soft, strong dynel-acrylic for putting a high lustre finish on all polishing jobs. Also useful for washing and painting. A must for any car and homeowner.
600-1133E300 .....$2.50

Auto Antenna Power Booster

Improves auto radio reception up to 100%. Brings in weak, distant stations and makes them stronger, clearer. Reduces fading, static. Installs in any auto antenna in minutes.
408-RADE320 .....$2.98

WIPE A GARAGE ON YOUR CAR

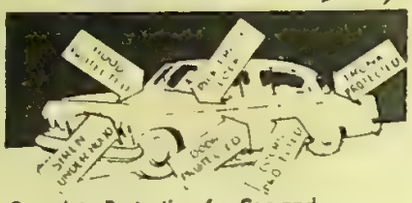
With PLASTICON that Shields Your Car

2-in-1 shield . . . cleans the surface, fills the pores with a tough plastic coat. Guaranteed not to peel, crack, or discolor. Protects against dirt, acids, weather, tars, salt. Needs no waxing. 15-oz. can.
661-PLIE400 .....$2.98

CLEAN-SWEEP VACUUM FOR CARS

Plug it into your dashboard cigarette lighter and make quick work of tidying up the car interior. Super-suction power gets dirt in upholstery and carpets. Has extra crevice tool for cleaning ashtrays, fitting into corners. Molded plastic case 11 inches long . . . 9 foot cord. For all 12V cars, boats, campers.
610-78413E990 .....$9.95

SIREN BURGLAR ALARM —STOP THAT THIEF



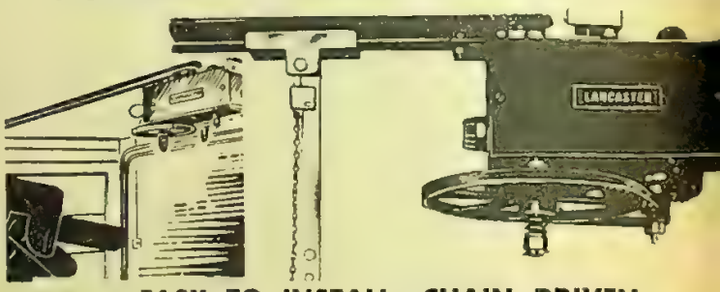
Complete Protection for Car and Valuables! For all Autos . . . Trucks . . . Station Wagons

Sounds high pitched siren when entry is forced. Kit includes #10 siren, relay, pick-proof key-lock switch, lock cover, in-line fuse, 6 door switches, 2 switch brackets, wire, terminals and screws for complete installation. Complete easy-to-follow instructions. 12 volt cars only.
432-210E5500 .....$45.00

CAR OR TRUCK BURGLAR ALARM

Auto theft is on the increase. Insurance can never fully compensate you for the inconvenience of having your auto or truck broken into or stolen. Auto-Truck Alarm protects the hood, trunk and all doors. All components are completely concealed inside the vehicle. Easily installed, complete instructions included. Horn sounds the alarm as soon as car is tampered with. Works with any 12 volt car battery.
564-3000E3260 .....$22.95

AUTOMATIC GARAGE DOOR OPERATOR



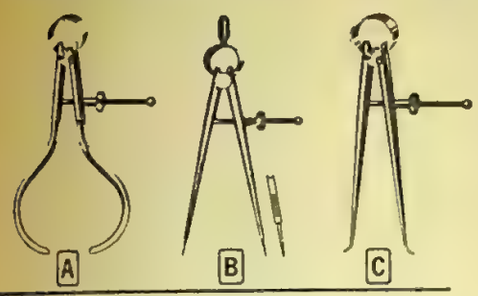
EASY TO INSTALL—CHAIN DRIVEN

- Automatically opens, closes and locks doors up to 16'x8'
- Fully adjustable safety clutch can be set so door will stop if any obstruction blocks its path.
- Turns on overhead garage light.
- All remote controls are of low voltage, plugs into 115 volt house power.
- Lifetime lubricated—no periodic oiling required.

Complete with track, chain, quick-release arm (in case of power failure), power-box: containing full ¼ horsepower capacitator motor, reduction drive, switches, relays, and overhead light.
120-R30E14000 Wt. 65 lbs. $125.00

MODERNTOOLS

SAVE MOST HERE ON PRECISION INSTRUMENTS



GENERAL & STARRETT CALIPERS

(A) OUTSIDE CALIPER Accurate Measure

350-4023E550	3"	$4.00
350-4024E600	4"	4.30
350-4026E640	6"	4.50
10" and 12" Starrett.		
351-7910E1040	10"	6.00
351-7912E1170	12"	7.00

(B) DIVIDERS. Nork pattern. Round legs on 3,4,6"; flat on 8,10,12" Replaceable points. Tempered bow springs. Wobble-free fulcrum.

350-4003E550	3"	$4.00
350-4004E600	4"	4.30
350-4006E640	6"	4.50
10" and 12" Starrett.		
351-8310E1040	10"	6.00
351-8312E1170	12"	7.00

(C) INSIDE CALIPER. Finest steel.

350-4043E550	3"	$4.00
350-4044E600	4"	4.30
350-4046E640	6"	4.50
10" and 12" Starrett.		
351-7310E1040	10"	6.00
351-7312E1170	12"	7.00

DIAL TEST INDICATOR

Precision made tool with jewel movement and fingertip reverse lever. Hardened contact point for long life and abrasion resistance. Body clamp has universal shank. 1" dial with .120" diameter point. Graduated in 1/1000ths inch. Range of .030". In leatherette covered metal case.

350-395BE3600 ..... $27.00

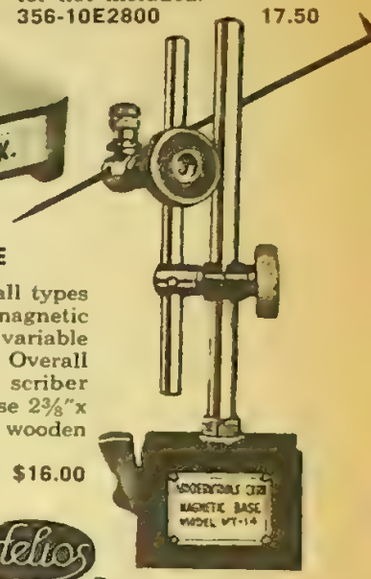
ACCESSORIES

.035" Contact Point 350-035E250	$1.70
.062" Contact Point 350-062E250	1.70
.120" Contact Point 350-120E250	1.70
Swivel Chuck 350-SC395E380	2.75
Flexible Arm 350-FA395E250	1.60

DIAL COMPARATOR STAND

This is an ideal stand for quick, efficient and economical inspection. Has support bracket for AGD indicators. The base plate, 4½" to 5½" is built of Mechanite type cast iron. Upright post is 1"x9". Has plain ground base. Indicator not included.

356-10E2800 17.50



MAGNETIC BASE

Designed to accommodate all types of dial indicators, this magnetic base indicator holder has a variable magnetic pull up to 100 lbs. Overall height 13", rod travel 6", scriber opening 5/32". Magnetic base 2⅜"x 1¾". Complete with fitted wooden case and scriber.

356MT14BE2560 ..... $16.00

DIAL INDICATORS

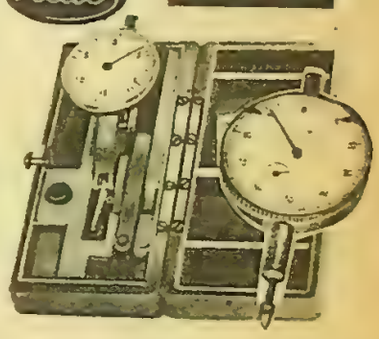
Helios

Jeweled precision dial indicators that team with magnetic base to make an inexpensive measuring combination or with KANCHEK for an economical comparator stand. Complete with fitted case. 1¼" dial, graduations .0005", range .030".

356-MTAE2560 . $16.00

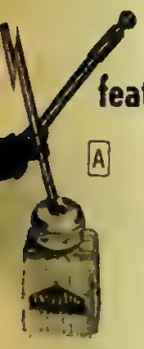
2" dial, with fingertip lever, in graduations of .0001", with range of .050"

356-MTFE3880 $24.25



Enco Magnetic Base Indicator Holders

featuring universal 3-diameter rods to fit all popular indicator holders

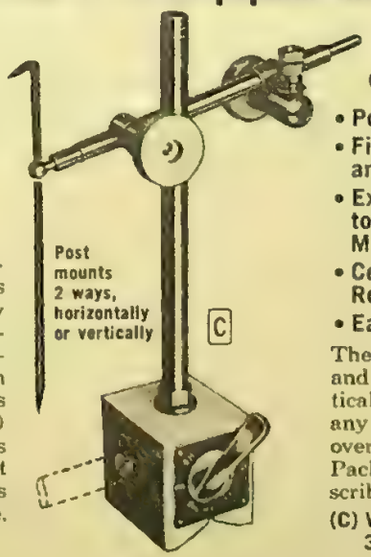


- 65 lb. Magnetic Pull
- Swivel adaptor provides full 360 degree adjustment
- Unique magnet design assures full magnet contact on rounds down to ¾"
- Non-breakable plastic base
- Strong permanent Alnico magnets

These sturdy, compact, vibration-proof Tiny Titan indicator holders can be quickly, easily and rigidly mounted in any position to any machine. They permit fast accurate set-ups particularly in hard to reach areas. The single universal rod has 3 diameters (7/32", 1/4" and 15/16") so that indicators of varying sizes can be mounted easily without changing rods. For small indicators such as Starret, Brown & Sharpe, Gem and Lufkin.

(A) With straight rod
361-100E2080 ..... $13.90

(B) With precision adjustment rod
361-130E2450 ..... $16.00



Exclusive ON-OFF LEVER CONTROL

- Powerful 100 lb. Magnetic Pull
- Fits all Indicators with 5/16", 7/32" and 3/8" Mounting Stems
- Extra Swivel Adaptor for Lugback Indicators and Indicators with 5/32" and 1/4" Mounting Stems
- Centered "V" Magnet for Strong Grip on Round or Flat Surfaces
- Easy One-hand Mounting

The two magnetic surfaces, bottom and back, and the two-way mounting of the post, vertically or horizontally, permit operation from any position. Magnet base: 1⅞"x2⅜"x2½"; overall height from base to top of stem: 10¼". Packed in strong wooden box with handy scriber.

(C) With 7" 3-diameter rod
361-300E2800 ..... $19.00

(D) FINE ADJUSTMENT CONTROL Gives rigid, sensitive control of indicator on any plane, making difficult set-ups easy. 8" 3-diameter fine adjustment rod.
361-340E3300 ..... $21.75

SAVE ON ALL YOUR TOOL NEEDS BY SHOPPING FROM THIS CATALOG.

UNION Micrometer

Positive spindle locks at any reading by the clamp ring set in the frame. Friction-stop thimble. Tips on both anvil and spindle faces, resist abrasion, insure accuracy under severe abrasive conditions. Sleeve, spindle satin chromed. 1/1000 increments numbered for easy reading. Ribbed frame.

ModelNo.	Capacity	Faces	Price
357-811E2870	0 to 1"	Steel	$21.56
357-812E3080	1to 2"	Steel	23.10
357-813E3400	2 to 3"	Steel	25.42
357-814E3670	3 to 4"	Steel	27.52
As Above, calibrated to 1/10,000th.			
357-819E3340	0 to 1"	Steel	25.06
357-820E3540	1 to 2"	Steel	26.60

UNION DELUXE

Precision made for exact measurements. Satin chrome finished forged alloy steel frame. Positive spindle lock by clamp ring. Friction thimble and locknut for positive stop. Stamped with table of decimal equivalents on anvil. Guaranteed accurate graduations by .001". Knurled handle for rigidity and easy gripping.

Model No.	Capacity	Faces	Price
357-821CE3500	0 to 1"	Steel	$26.26
357-822CE3750	1 to 2"	Steel	28.14
As Above, but calibrated to 1/10,000.			
0 to 1" Carbide			
357-831CTE4250			$31.86
1 to 2" Carbide			
357-832CTE4500			33.74

Starrett Micrometer 1/10,000.

Precision outside micrometer. **Graduated .0001", with Ratchet Stop and Lock Nut.** Perfect balance, better readability with correct thimble diameter. Satin chrome finish. Tapered frame gets into tight places. Rigid 1-pc. drop forged steel frame. Hi-Micro Mirror-Lapped finish on anvil and spindle faces. Easy-to-read distinct figures designed for quick-reading. With convenient decimal equivalents on anvil face.

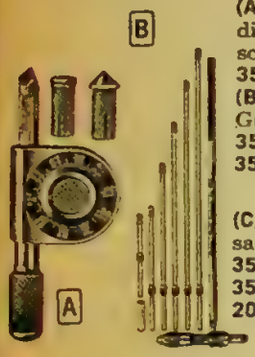
Range 0-1" Plain Face	
351-T230RLE4450	$25.35
Range 0-1" Carbide Face	
351-T230XRLE4730	26.85

Starrett

Starrett PRECISION OUTSIDE MICROMETER

1/1000th In. Graduations with Ratchet Stop and Locknut. Ribbed drop-forged steel frame. 1-pc. extra rigid spindle. Perfectly balanced with correct thimble diam. Black enameled frame, polished steel ribs, satin chromed sleeve, thimble. Quick, easy to read.

Range 0-1" Plain Face	
351-230RLE4000	$22.85
Range 0-1" Carbide Face	
351-230XRLE4220	24.35
Range 1-2" Plain Face	
351-226RL2E4550	26.00
Range 1-2" Carbide Face	
351-226XRL2E4950	28.25
Range 2-3" Plain Face	
351-226RL3E4940	28.15
Range 2-3" Carbide Face	
351-226XRL3E5250	30.10
Range 3-4" Plain Face	
351-226RL4E5450	31.05
Range 3-4" Carbide Face	
351-226XRL4E5830	33.30
Range 4-5" Plain Face	
351-226RL5E5720	32.70
Range 4-5" Carbide Face	
351-226XRL5E6100	34.95
Range 5-6" Plain Face	
351-226RL6E6400	36.60
Range 5-6" Carbide Face	
351-226XRL6E6800	38.85



(A) SPEED INDICATOR. Direct reading fixed dial graduated in both directions. Rotating dial sets to 0, wherever needed with easy thumb screw. Nickeled, buffed. 2 tips: 1 for center, 1 point.

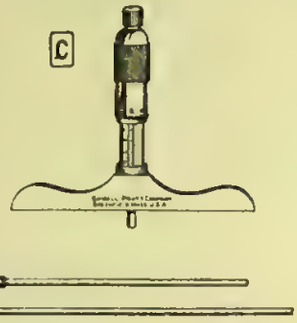
357-840E950	4¼"	$7.00

(B) INSIDE MICROMETERS. Glare-free chrome. Guaranteed accurate. Graduated in .001". 7 rods, 2 collars, leatherette case, handle.

357-837E5030	2to 12½"	$37.74
357-836E4080	Same, but 4 rods for 2-8" range	30.60

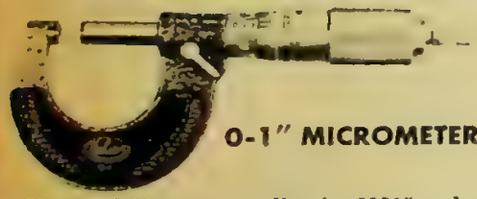
(C) MICROMETER DEPTH GAUGE. Guaranteed accurate. Non-glare satin chrome finish. 1" range by 1/1000. 3 rods for 0-3" cap.

357-833E3850	2½" Base, 0 to 3" capacity	$28.92
357-834E4600	4" Base, 0 to 3" capacity	34.52
203-3RE1480	Extra Set of Rods—4, 5, 6" capacity	10.58



HELIOS

Dependable Gages & Calipers at Money Saving Prices



0-1" MICROMETER

Has an 0-1" range, reading in .0001" and an oversize carbide faced spindle and anvil. The slant marking at each .100" provides error free reading. Oversize friction thimble for better "feel". Insulated frame. Simple lever locking, permits one handed operation.

356-5201E2990 with fitted leather case $32.00

FREE! NEISE "NEO-BALL" furnished with each micrometer. .200" ball permits measuring curved surfaces with standard micrometer. $1.50 Value

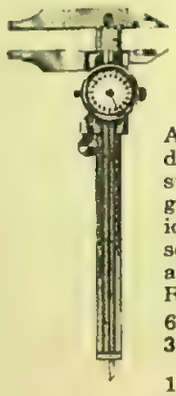
6" ADJUSTABLE DIAL CALIPER

A well-made fine quality dial caliper with many outstanding features.

- Adjustable tolerance dial.
- Hardened, ground stainless steel.
- Satin chromed scales.
- Inside, outside, depth measurements
- Reading accuracy .001".

Complete with leather case.

356-1053E5250 $32.00



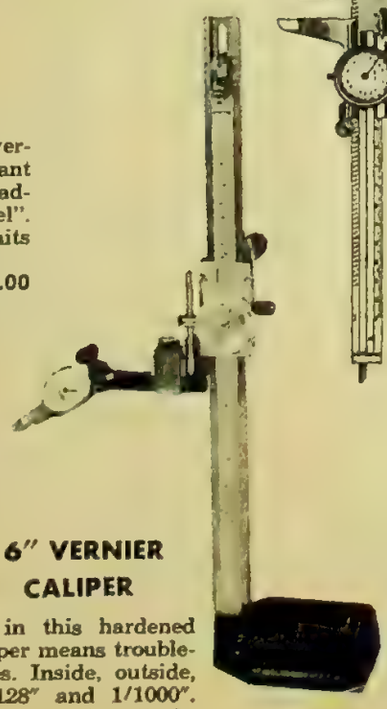
6"-10"-12" ADJUSTABLE DIAL CALIPERS

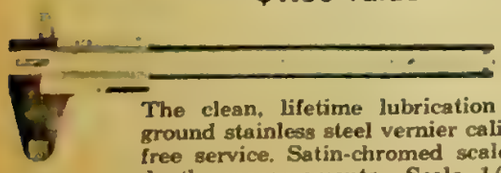
An adjustable tolerance dial with hardened ground stainless steel that will give many years of service. The satin chrome scales have inside, outside and depth measurements. Reading accuracy .001".

6" With leather case.
356-1068-6E7300 $45.65

10" With wooden case.
356-1068-10E9650 $60.20

12" With wooden case.
356-1068-12E12300 77.00





6" VERNIER CALIPER

The clean, lifetime lubrication in this hardened ground stainless steel vernier caliper means trouble-free service. Satin-chromed scales. Inside, outside, depth measurements. Scale 1/128" and 1/1000". Reading accuracy .001". Thumb-lock vernier attachment.

356-MT9E2050 With leather case $12.70

12", 18", 24" VERNIER HEIGHT GAGES

Large vernier height gages have extended vernier plate, hardened ground stainless steel, and satin-chromed scales. Magnifier and carbide scriber included. Adjustable reference point . . . sliding center scale can be moved up or down, permitting measurement from an even figure on scale. Heavy compact base with vacuum breaker slot. Reading accuracy .001".

Complete with deluxe wooden case. Indicator not included.

356-MT16AE12700	12"	$ 80.00
356-MT16BE27200	18"	170.00
356-MT16CE33000	24"	205.00

SAVE ON PRECISION MEASURING INSTRUMENTS

MODERNTOOLS

GUARANTEED *Precision, Quality, Accuracy*

- Stainless Steel
- Hardened for Durability
- Guaranteed Accurate to .001"
- Inside, Outside, Depth measurement
- Satin-chromed scales
- Recessed Scale Grooves, Hard Chrome Plating For Long Life
- Built-in Lifetime Lubrication
- Complete with Cases

MICROSCEW CALIPERS Series MT-13

356-MT13AE2300 6" 15.00
356-MT13BE3160 8" 20.50
356-MT13CE7550 12" .. 49.00

VERNIER CALIPERS Series MT-12

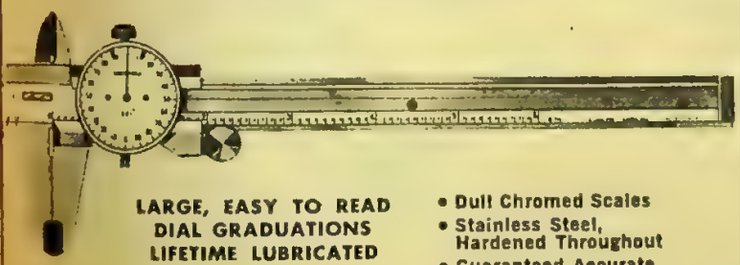
Scale 1/128" and 1/1000".
356-MT12AE1920 6" $12.50
356-MT12BE2300 8" 15.00
356-MT12CE5400 12" 35.00

VERNIER CALIPERS Series MT-15

(With Quick-Lock Set Screw on Thumb Grip)

356-MT15AE1920 6" 12.50
356-MT15BE2300 8" 15.00

DIAL CALIPER WITH ADJUSTABLE TOLERANCE DIAL MODEL MT-11

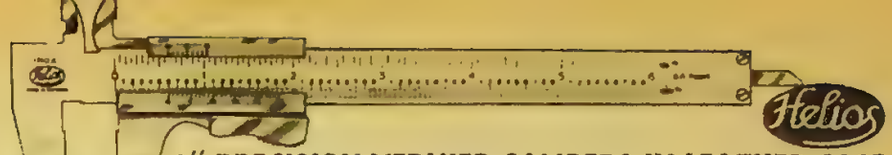


LARGE, EASY TO READ DIAL GRADUATIONS LIFETIME LUBRICATED

- Dull Chromed Scales
- Stainless Steel, Hardened Throughout
- Guaranteed Accurate Within .001"

Each registered, certified accurate. Inside, outside jaws and depth measurement.

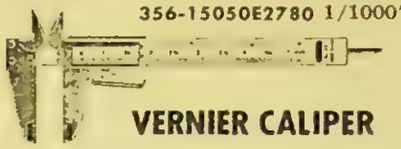
356-MT11-4E3650 4" $21.50
356-MT11-6E5000 6" $29.50



6" PRECISION VERNIER CALIPERS IN LEATHER CASE

Helios

Guaranteed accurate inside, outside, depth measurements to .001". Hardened stainless steel with beveled jaws for core measurements, measuring faces ground and lapped. Adjustable phosphor bronze gib. Fine line graduations. Slide rod with thumb lock.
356-15050E2780 1/1000"-1/128" Dull Chrome Finish .. . $17.00



VERNIER CALIPER

Sensitive adjustment with friction roller (that locks in any position. Inside-outside jaws. 5" capacity marked 16ths and 32nds.
350-721E300 ..... $2.10
Extra-Sensitive Caliper—Reads to 1/128".
350-725E960 Cam lock $7.00

GENERAL

SLIDE CALIPER

New pocket size 4" capacity caliper. Stainless steel. Decimal equivalents—16ths and 32nds. Accurately graduated and precision made. Easy to read.
350-729E270 ..... $1.95

TEMPERED HOOK RULE

Measures over rounded corners, through wheel hubs, etc. Graduations in 8ths, 16ths, 32nds, 64ths. Hardened steel hook is locked on . . . detachable if desired. 1/20" thick each.
357-401/6E500 ..... $3.70
357-431/420 ..... $3.20

COMBINATION SET

With 12" Tempered Steel Blade. Beams, center heads are hard gray iron. Finished in ebony enamel. Tempered Crucible Steel blade is engine graduated in 8ths, 16ths, 32nds, 64ths. Protractor is graduated 90 degrees both sides of zero.
357-21234E3100 ..... $23.20
Extra 18" Blade—graduated in 32nds, 64ths, 50ths, 100ths.
357-218/6E1700 ..... $12.20

STANLEY

CALIPER RULE

Stanley quality. Brass calipers accurately graduated in 16ths and 32nds. Heads machined for inside and outside calipering. Capacity: hole diam. from 3/16" to 3¼"; outside diam. to 1⅞"; lengths to 3¼".
200-136RE430 4" Long $2.90

SLIDE CALIPER RULE

Fast, Accurate Inside, Outside Measurements

Smooth action spring tensioned slide, milled-groove thumb grip for 1-hand "snap-gauge" 16ths, use. 6" tempered high carbon steel blades, graduated in 8ths, 16ths, 32nds, 64ths.
357-453-6E1700 6" Caliper, 1½" jaw depth $12.10

MILLER FALLS BRAND NEW COMBINATION SQUARES

Accurate, well finished. Grooved blades graduated in 8ths, 16ths, 32nds, 64ths. Double hairline vials, Cat's eye vials. Hardened spring-held scribers. Ground edges. Cast beams.
203-1271E210 12" Promotion Square . . . $1.45
203-1200E490 12" Miller Falls. 3.69
203-1276E300 6" Miller Falls. 2.29
Rust-Resistant Black Blade, White Figures
203-1280E320 12" Miller Falls. 2.29

STARRET DOUBLE STEEL SQUARE

Tool-makers square: 2½x½" sliding blade. Graduated in 32nds, 64ths, adjusts right or left. Bevel blade. 45° one end, 30° on other end. Plus narrow ⅛" interchangeable blade.
351-14E2300 ..... $16.00

HANDI-DIAL CALIPER—4" Pocket Edition

Model MT-2. Guaranteed accurate to within .001". For inside, outside, depth measurement. 0-4" range. Adjustable full-size tolerance dial. Dull chromed scales. With leather case to clip onto belt. Hardened steel tool.
356-MT2E2720 ..... $15.95

GENERAL

MULTI-USE RULE & GAGE

Stainless steel combination tool . . . 4" scale, 59° drill point gage, square, bevel protractor, center finder, circle divider, tap drill table . . . all in one! In leather case. With instructions.

350-16E280 . . $2.00

THREAD GAGE

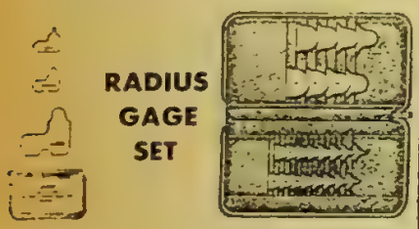
Screw pitch gage accurately measures all U.S. form and sharp V threads—10, 11, 12, 13, 14, 16, 18, 20, 24, 27, 28, 32, 36, 40.

150-G18E240 14 Blades $1.75

SCREW PITCH GAGE

51 pitches quickly, easily measures threads accurately. Built to last a lifetime! 51 pitches from 4 to 84.

350-251E1230 . . . . . $8.80



RADIUS GAGE SET

For tool and die makers, machinists, screw machine operators, etc. Each gage has internal and external radii. In plastic case.

24 Sizes from 1/32" to ½"

350-435BE2240 . . . . . $16.00

TELESCOPE GAGE SET

3-Piece Set—½ to 2⅛"

350-S993E1820 . . . . . $13.00

4-Piece Set—5/16 to 2⅛"

350-S994E2380 . . . . . $17.00

6-Piece Set—5/16 to 6"

350-S996E3920 . . . . . $28.00

GENERAL

DRILL GAGE

Precision made. Ground and tempered steel with easy-to-read numerals. Tested for accuracy.

1/16" to ½"

350-14E280 $2.00

1 to 60

350-15E280 . . . . . $2.00

MECHANICS' FEELER OR THICKNESS GAGE

Guaranteed Accurate! Made of hardened, tempered Swedish Satin Finish steel. 9 blades and 2-inch rule graduated in 16ths and 32nds. 3 blades, from .002 to .025".

329-21BE110 9 Leaf . . $ .75

As above, but 9 high carbon tempered steel blades, permanently etched. 3" blades, from .0015 to .0150".

350-209E400 9 Leaf . . $3.00

STANLEY DOWELING JIG & BIT GAGE

A simple, but positive guide for boring 3/16, ¼, 5/16, ⅜, 7/16, and ½" dowel holes. Auger bit depth gage is included with it.

200-59E1050 . . . . . $7.50

ADJUSTABLE PARALLELS

Finest precision castings. Machined dovetail slots lock in any position. 9/32" thick.

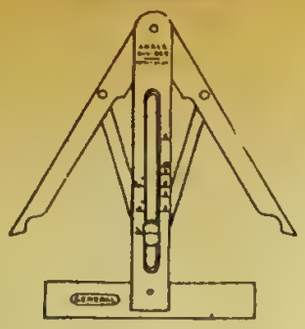
Six-Piece Set—⅜" to 2¼"

350-1126E4500 . . . . $32.00

Four-Piece Set—⅜" to 1 5/16"

350-1124E2730 . . . . $19.50

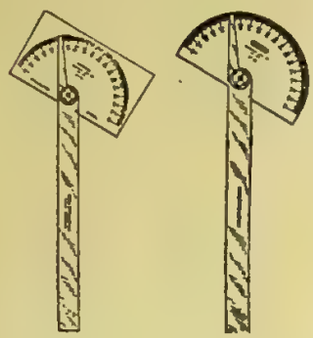
GENERAL



ANGLE DIVIDER

Adjusts to any angle, for bisecting and dividing angles. Transfers angles graduated for 4, 5, 6, 8 and 10-sided figures. Polished. Rust-proof.

350-835E980 . . . . . $7.00



PROTRACTORS

Made of finest stainless steel fully tempered. 0-180° graduations. 8" arm.

Square Head

350-17E350 . . . . . $2.50

Round Head

350-18E350 . . . . . $2.50

RADIUS GAGE HOLDER

With 30° and 45° locks to hold securely, accurately.

350-436E310 . . . . . $2.20

FLAT HOLE GAGE SET

4-Piece Set

.125 to .200
.200 to .300
.300 to .400
.400 to .500

350-96E2350 . . . . . $16.80

SMALL HOLE GAGE SET

4-Piece Set

.125 to .200
.200 to .300
.300 to .400
.400 to .500

350-97E2350 . . . . . $16.80

Nationally Advertised Brands

The Best Tool Values In America

FEELER GAGE 26 Leaf

26-leaf gage with 3½ x ½" blades of tempered spring steel. Perfect for the master mechanic . . . includes all sizes from .0020 to .0250 in holder the size of a pen knife . . . fits easily in pocket.

329-29BE190 . . . . . $1.50

As Above, but 26 high carbon tempered steel blades, and permanently etched with sizes from .0015 to .0250".

350-226E630 . . . . . $4.50

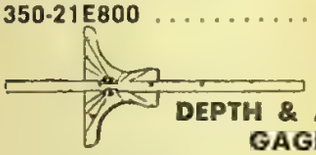
WIRE & METAL GAGE

For gaging wire, sheets, plates, all non-ferrous metals, such as copper, brass, aluminum. American standard. 0 to 36.

350-20E800 . . . . . $5.70

Gage for ferrous metals, such as sheet iron, steel. U. S. standard.

350-21E800 . . . . . $5.70

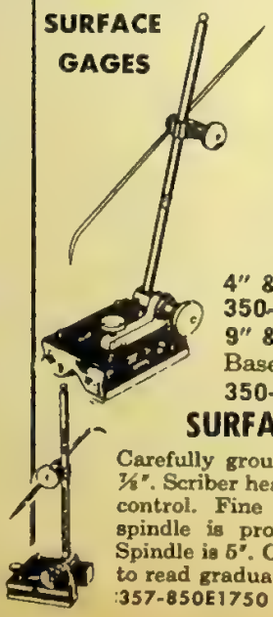


DEPTH & ANGLE GAGE

Tempered steel throughout . . . 2½" hardened head, 6" rule. Easy single adjustment. With spring tension nut.

350-444E520 . . . . . $3.70

SURFACE GAGES



Hardened steel base, precision machined. Each gage includes 2 lengths of spindles. Scriber head, spindle, have extra-fine adjustment. Base size: 2⅛"x1 9/16"x¾".

4" & 7" Spindles

350-398E2170 $15.50

9" & 12" Spindles

Base size: 3¼x2½x1".

350-399E3150 $22.50

SURFACE GAUGE

Carefully ground base is 3"x2½"x⅞". Scriber head has special spring control. Fine adjustment of the spindle is provided in the base. Spindle is 5". Clearly marked, easy to read graduations.

357-850E1750 . . . . . $12.96

BUY AT WHLOESALE FROM OUR MILLION DOLLAR INVENTORY. SAVE MOST.

FAMOUS QUALITY TOOLS FOR SPECIAL USE

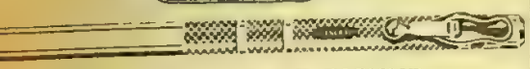
GENERAL

ALNICO MAGNETS

The finest permanent power magnets available. Choice of five different powers . . . each comes with a keeper. Quality made by General.

Stock No.	Size	Price
350-3701E100	1 Ounce	$ .75
350-3702E170	2 Ounce	1.30
350-3704E290	4 Ounce	2.20
350-3706E400	6 Ounce	3.00
350-3708E550	8 Ounce	4.10

GENERAL



POCKET MAGNET PICKUP

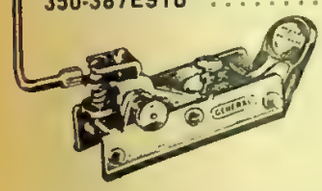
Pocket-sized and powerful. Finest quality permanent Alnico magnet. Polished aluminum, with clip for attaching to shirt pocket, belt, etc.

350-385E150 ..... $1.00

MAGNETIC HOLDER

Has fine adjustment with lock. Permanent Alnico magnet with powerful 50-lb. pull. Stainless steel arm. 180-degree swivel socket.

350-387E910 ..... $6.50



WIGGLER AND CENTER FINDER TOOL

Set with snap-in chuck. Quickly, easily locates spindle centers. Working point of drill presses, etc. With 3 shafts. Saves time, work.

350-389E540 ..... $3.90

PIPE REAMER

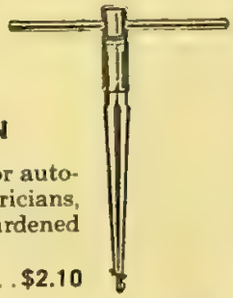
Special alloy steel reamer for removing burns on the end of pipe or circuit. Countersinks or enlarges holes, too.

357-26E320	⅛ to 1"	$2.40
357-27E410	¼ to 1¼"	3.05
357-28E670	¼ to 2"	5.00

MECHANICS' TWEEZER SET

Set of 2 tweezers, one with straight point, one with curved point. Ideal for tool makers, jewelers, technicians, hobbyists, botanists, etc. Made of finest Sheffield Steel.

152-314E140 . . . Set $1.25

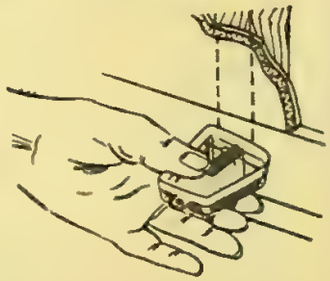


REAMER FOR REPAIRMEN

Tapered reamer for automotive men, electricians, plumbers, etc. Hardened steel. ⅛ to ½".

350-130E290 ..... $2.10

STUD FINDER



Super powerful magnicator. Carefully suspended magnet instantly responds when brought in the presence of nails. Shows where to hang pictures, cabinets, etc.

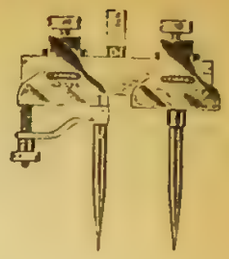
546-3CE110 ..... $ .85

FLEX-O-STIFF MAGNETIC PICKUP

A unique Magnetic Pickup for retrieving of screws, nuts, tools and other steel parts from inaccessible places. Every garage, machine shop, assembly plant, has frequent need for it. A handy combination pickup tool having an 18" flexible or stiff pickup, or an extra long 32" retriever, by simply reversing the stiff wire section and threading it into the handle.

350-384E250 ..... $1.80

PRECISION TRAMMEL POINTS



For measuring distances too great for ordinary dividers. 3" size, with hardened, ground points. Supplied with pencil attachment.

350-520E1200 Adjustable $8.60

REAMER

Hardened steel reamer with sharp cutting edges. Sure-grip plastic handle.

350-131E240 ⅛" to ⅜" $1.70

JEWELERS' SCREWDRIVERS

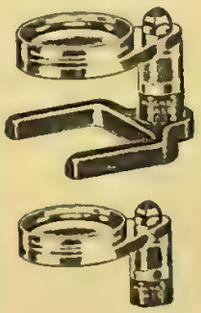
Set of 6 precision made screwdrivers. Steel tubing with tempered steel blades and free-wheeling heads. Removable blades are held firmly in place by threaded chucks.

350-600E590 Set of 6 ..... $4.20

JEWELERS' SET OF SCREWDRIVERS

One screwdriver with 5 interchangeable, lock-in quality tempered steel blades. All in durable plastic container.

350-605E240 ..... $1.70



MAGNETIC SCALE MAGNIFIER

Powerful 5X enlargement, 1" diameter magnifying lens that attaches or detaches instantly from its base for direct-to-work magnification.

350-552E230 ..... $1.60

SCRATCH AWL

Tough tempered steel blade goes through handle and is reinforced at top . . . will not turn in handle. Black lacquered hardwood or large plastic handle. Both 6½" long. Wood handle has 3½" blade; plastic has 4¼" blade.

200-7E200	Wood Handle	$1.40
336-853E220	Plastic Handle	1.60

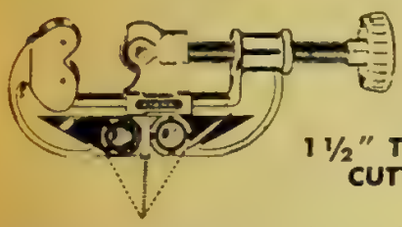
GENERAL PRECISION TOOLS AND ACCESSORIES

TUBING CUTTER

Enclosed feed, spinfast knob. Chrome vanadium blade. Flare groove rollers, retractable reamer.
350-128E500 ⅛" to 1⅛" Capacity.....**$3.50**

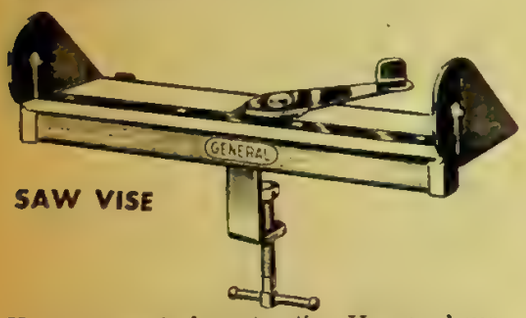
TUBING CUTTER

Finest made! Cuts all thin-wall tubing, even steel. Nichrom wheel, anti-friction rollers. With slide-lock reamer and large feed knob. Truly dependable quality for years of use.
350-120E300 1" Capacity **$2.10**
Nichrome Wheel for Above.
350-121E120 ..... **.75**



1 ½" TUBING CUTTER

Extra large capacity cutter boasts the finest cutting wheel, made of nichrom. With anti-friction rollers, large feed knob and double foldaway reamer. Perfect for larger dia. tubing.
350-125E580 1½" Capacity **$4.20**
Nichrom Cutting Wheel for above.
350-121E120 ..... **.75**



SAW VISE

Heavy gauge steel construction. Has cam lever for quick, positive locking. Rubber strip. Folding clamp. Easy to use, and quality made for years of service. 11" width.
350-828E840 .....**$6.00**

MACHINISTS HAND VISE

Handy vise with unlimited uses for model makers, jewelers, machine shops, etc. Made of malleable casting with spring tension and non-protruding adjustment screw. Machined serrations and V cut. 1½" jaws.
350-815E490 .....**$3.50**

V-BLOCKS & CLAMPS

Machined tool steel for rugged durability to assure long life. Comes in sets of 2 only, including Clamp and V-block. Size 1¼" sq.
350-116E1000 .....**$7.20**
As Above, but Hardened and Ground tool steel.
350-117E1400 .....**$10.00**

4-PC. MACHINIST PIN VISE SET

Four machinists pin vises in handy leather-grained vinyl, snap-tab pocket case, with sized, labeled slots for each. Includes:
.00 to .005
.025 to .075
.045 to .125
.110 to .187
350-94E1360 .....**$9.70**

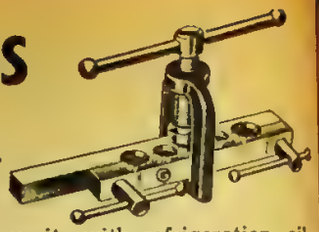
SWIVEL HEAD PIN VISE

Double end reversible collets combine all popular sizes into a single tool. Extra versatile with swivel head. From .00 to .125.
350E92E250 .....**$1.80**

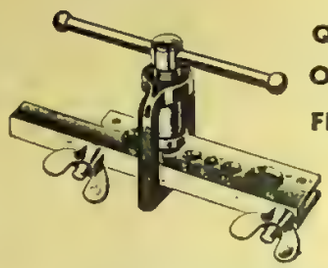
REVERSIBLE PIN VISE

Similar to above, with its double end reversible collets, but without swivel head. Truly versatile, combining all the most popular sizes into a single tool. From .00 to .125.
350-90E310 .....**$2.20**

GENERAL FLARING TOOL



Consistent favorite with refrigeration, oil burner, automotive mechanics. Slide bar screws. Drop forged screw yoke. Hardened cone has ball bearing seat for trouble-free operation. Range from 3/16" to ⅝" outside dimensions.
350-150E770 .....**$5.50**

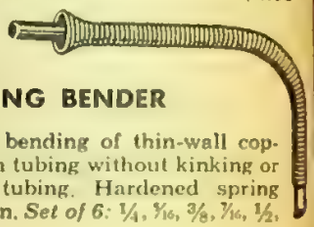


QUICK-OPENING FLARING TOOL

Equipped with oversize wing nuts to let you open, close it rapidly. With slide bar screws, drop-forged screw yoke, hardened cone as above. 3/16" to ⅝" O.D. Range.
350-155E840 .....**$6.00**

GENERAL FLARING TOOL

Popular priced flaring tool with spreader-type bars and quality hardened steel hand punch. Has a range of from 3/16" to ⅝" outside dimensions.
350-140E560 .....**$4.00**



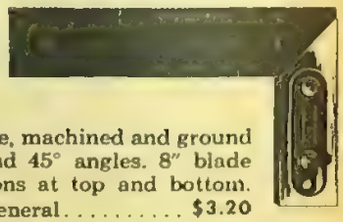
TUBING BENDER

Assures perfect bending of thin-wall copper or aluminum tubing without kinking or collapsing the tubing. Hardened spring steel construction. *Set of 6:* ¼, 5/16, ⅜, 7/16, ½, and ⅝ inches.
350-106E350 .....**$2.98**

DASCO ARCH PUNCH SET

INTER-CHANGEABLE ....that saves money over solid type cutting punches. *11 sizes* from ¼ to ⅞" diam. With handle, retaining ring.
307-1100E2800 $20.00

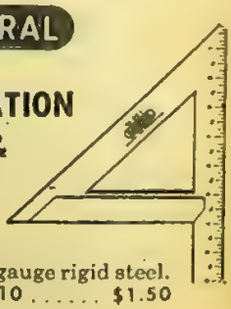
TRY & MITRE SQUARE



Precision made, machined and ground handle. 90° and 45° angles. 8" blade with graduations at top and bottom.
350-832E450 General.....**$3.20**

GENERAL

COMBINATION SQUARE & MITRE



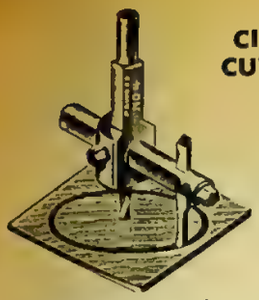
10" heavy-gauge rigid steel.
350-804E210 .....**$1.50**

STANLEY SLIDING T-BEVEL

Highest Quality, Highly Finished

Accurately machined blades held firm by new, improved self-locking device.

Black finish Rosewood handles.
200-25-8E400 8" **$2.85**
200-25-12E530 12" **3.80**



CIRCLE CUTTERS

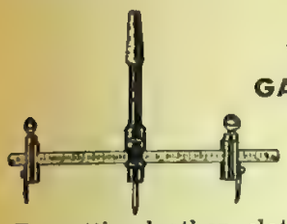
GENERAL

Cuts perfect circles in wood, plastics or light metals. Precise and durable tool for professional results every time. 4 sizes to choose from. Each made of finest metals.

350-00E220	⅝" to 2½"	$1.60
350-4E350	⅞" to 4"	2.50
350-5BE460	1 to 5½"	3.30
350-55E840	1¾" to 8"	6.00

MACHINIST JACK

1000-lb. lifting capacity! Has 1 inch adjustment. Closed, it is just 3" high, yet opens to 4". Heavily cast of durable metal for long life.
350-7E170 .....$1.20



WASHER & GASKET CUTTER

For cutting leather, cloth, cork, graphite, asbestos cloth and thin metals into perfect washers or gaskets to suit shape needed.
350-11E550 ½ to 6½".....$4.00

PLUMB BOBS

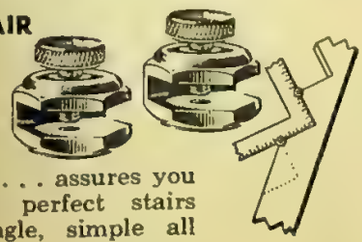
Precision made of solid brass. Perfectly balanced and installed with removable screw cap and replaceable tempered steel points. Packed in permanent screw cap tube. Sizes for every purpose. Sheaths also available.

350-800-6E410	6 oz. 4¼"	$ 3.00
350-800-8E480	8 oz. 4½"	3.40
350-800-10E550	10 oz. 4¾"	3.90
350-800-12E600	12 oz. 5"	4.30
350-800-16E770	16 oz. 5¾"	5.50
350-800-24E1150	24 oz. 6½"	8.20
350-800-32E1610	32 oz. 8"	11.50
350-800PE80	Extra Bob Points	.50

LEATHER PLUMB SHEATHS

350-801AE400	For 6 & 8 oz.	$3.00
350-801BE480	For 10 & 12 oz.	3.40
350-801CE510	For 16 & 24 oz.	3.60

BRASS STAIR GAGE . . .



Cannot err . . . assures you of making perfect stairs with a single, simple all brass tool. Fits any carpenter or rafter square.
350-803E210 Set of 2.....$1.50

SELF-CENTERING PUNCH

Provides a fast, simple method of centering screw holes for hinges, hangers, locks, strikes, switch plates, etc.
350-806E90 .....$ .70

OFFSET RATCHET SCREWDRIVER

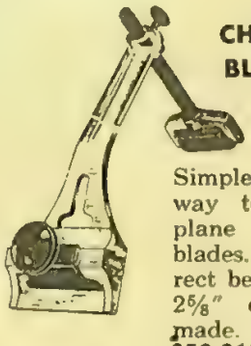
Reaches hard-to-get-at screws. All steel. Forward and reverse. ¼" & ⅜" blades.

350-807E170	2 Regular Blades	$1.20
350-807XE240	2 Phillips Blades	1.70

4-WAY OFFSET SCREWDRIVER

For extra leverage on tight or hidden screws. Made of durable hardened chisel steel. 5" long.
350-808E200 .....$1.40

CHISEL AND PLANE BLADE SHARPENER



Simple, fast and accurate way to sharpen chisels, plane irons and other blades. Provides the correct bevel or angle. Has a 2⅝" capacity. Precision made.
350-810E620 .....$4.40

DRILL GRINDING ATTACHMENT

Repoint drills with factory precision, quickly and easily. Positive angle adjustment for 88, 68, 59, 49 and 30 degrees to automatically produce the proper clearance angle. Capacity from ⅛" to ¾".
350-825E1050 .....$7.50

ADJUSTABLE DIE STOCK

Insures clean, accurate threads. Holds all 1" outside dimension dies. Self-centering pins are locked by individual screws to eliminate play. Assures precision operation.
150-25E350 .....$2.75

Nationally Advertised Brands

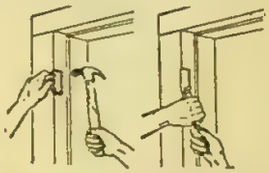
The Best Tool Values In America

GENERAL

MARKING AND MORTISE GAGE

Non-warping, fully-finished, all steel gage. 6½ bar graduated in 16ths. Tempered steel points.

350-820E250	Single Bar	$1.80
350-822E340	Double Bar	2.40



BUTT MARKER

Forged blade with shock absorbing handle. Hangs hinges precisely in a jiffy . . . assures a proper fit and hang. Available in 3 handy sizes.

200-373E250	3"	$1.80
200-373½E250	3½"	1.80
200-374E250	4"	1.80

BUTT GAGE

For correctly hanging doors. Made entirely of metal . . . rustproofed. Perfectly ground, with 3 separate markers.
350-824E450 .....$3.20

ADJUSTABLE TAP WRENCH

A quality tool for life-long use. Has hardened jaws. Adjusts rapidly, easily, by simply turning the handle. #4 to ½" taps.
150-88E350 .....$2.75

RIPPING BAR

Recommended for ripping up flooring, cutting siding, or removing siding, etc. Forged octagon alloy steel. Beveled slot in blade makes for easy nail removal. ¾" x 18".
200-616E360 .....$2.50

GENERAL QUALITY TOOLS

MAGNETIC TOOL RACK

For home, shop, garage. Permanently magnetized rack holds tools, kitchen knives, etc. safe and within easy reach. Chrome plated finish, with screws for attaching to wall, workbench or pegboard. 12" long. Mount parrallel to hold extra-large items.

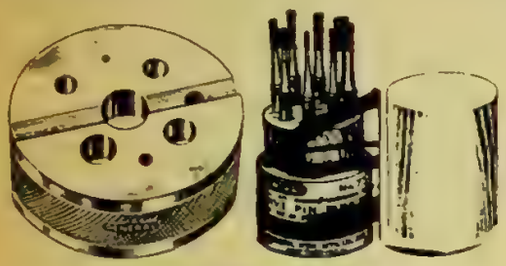
350-1250E280 12" rack . . . $2.00

NEW!

MINIATURE TUBING CUTTER

Compact, miniature tubing cutter gets into hard-to-reach places . . . needs only 1¼" clearance to make perfect right angle cuts. Enclosed feed. Capacity: ⅛" to ½" outside dimension tubing. Lightweight for easy handling.

350-123E270 . . . . . $1.90



3-INCH BENCH BLOCK

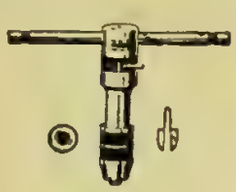
For driving pins, rivets in round or flat work. Holes range from ⅛" to ⅝". Has V-groove with center hole for holding odd shape stock. 3" diam., 1½" high.

350-114E1250 . . . . . $9.00

DRIVE PIN PUNCH SET

Chromed vanadium steel, precision machined, heat-treated and polished. 8 knurled punches in hardwood case range from 1/16 to 5/16". Ideal with Bench Block above.

350-75E1010 . . . . . $7.20



RATCHET TAP WRENCH

A fine, precision-made tool for turning taps, drills, reamers and extractors by hand. Positive ratchet. All parts hardened for long life. Self-equalizing jaws.

3/32" to 7/32"
350-160E770 . . . . . $5.50
7/64" to 5/16"
350-161E910 . . . . . $6.50
3/16" to 11/32"
350-162E1220 . . . . . $8.70

AUTOMATIC CENTER PUNCH

Adjusts for light or heavy impressions. For instantaneous single-hand spotting. Replaceable points are made of special, rugged, tempered alloy steel. A precision-made simply-constructed quality tool, moderately priced. ½" diam., 5" long.

350-79E600 . . . . . $4.30

POCKET SCRIBES

Reversible tip with tempered needle steel points. Hexagon head prevents rolling. Two sizes.

350-81E140 ⅜" body . $1.00
350-83E130 ¼" body . .90

MACHINIST'S HOOK SCRIBE

Quality made of tempered steel with precision fixed point . . . non-replaceable points. 9" long with accurately machined point. Quality at a budget price.

350-80E100 . . . . . $.80

REPLACEABLE POINT SCRIBER

Comes complete with 4 points of finest alloy needle steel. Points are held in rigid friction grip. Ground and knurled for long life, ease of handling, precision work.

350-84E130 . . . . . $.90

MACHINIST'S HOOK SCRIBE

Top grade steel machinist's hook scribe with replaceable needle steel points. Precision made, complete with extra points.

350-380AE210 12"—3 pts. . $1.50
350-380BE170 9"—2 pts. . 1.20

CARBIDE SCRIBER

Reversible, tough carbide tip lets you scribe on the hardest surfaces In neat new barrel slimly styled like an automatic pencil for finest control and ease of handling.

350-88E230 . . . . . $1.60

COMPLETE METAL PUNCH KIT

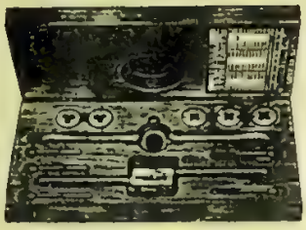
Easy, smooth operation. Punches a ¼" hole in 16 gauge steel. Punches up to 1¾" from edge. Has a throat opening of ¼". 8" long, weighs only 2⅝ lbs. Comes in a sturdy steel case, complete with 7 punches and dies. Includes one each: 3/32", ⅛", 5/32", 3/16", 7/32", ¼" and 9/32". Handy guide printed in lid of case shows the various capacities of each die.

330-5JRE2570 Complete Set $20.95

SUPER TAP & DIE SET

Complete set in lightweight, compact ideal for mechanics, hobbyists, and hou holders. Includes popular size range taps and dies from #4 to ½" including m chine screw, USS and SAE sizes, hand and accessories—#25 die stock, #88 t wrench, #514 thread gauge—39 tools all, each in its own nest in unbreaka plastic case.

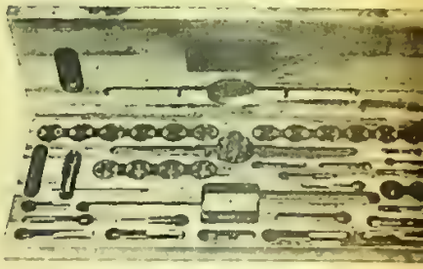
150-614E4190 Solid dies $32.
150-614AE5900 Adjustable dies 44.



TAP AND DIE OUTFIT

Sturdy wood case is fitted with a combination of sizes chosen expressly for the average hobbyist or home-owner or mechanic. Contains one tap handle, one die holder and 5 taps and dies 6-32, 8-32, 10-24, 12-24, ¼-20. All made in U.S.A. Each fits its own nest in case for convenience

150-21E1360 . . . . . $10.40



LARGE TAP & DIE CHESTS

Adjustable dies and suitable die stocks tap wrenches are fitted in wooden bo

Medium set contains following taps, di
NC—¼x20, 5/16x18, ⅜x16, 7/16x14, ½x13, 12, ⅝x11, ¾x10, ⅛ pipe, ¼ pipe.
NF—¼x28, 5/16x24, ⅜x24, 7/16x20, ½x20, 18, ⅝x18, ¾x16.

150-3465E13000 1½" O.D. Dies $95

Large set contains following taps and di
NC—9/16x12, ⅝x11, ¾x10, ⅞x9, 1x8.
NF—9/16x18, ⅝x18, ¾x16, ⅞x14, 1x14.

150-2101E15800 2" O.D. Dies . . . $115

NAIL SETS & PUNCHES

4-Piece Sets. Finest quality Manganese alloy tool steel, fully hardened and tempered. Hexagon shape prevents tool from rolling.

Nail Sets 2/32 to 5/32
153-120E150 . . . . . $1.10
Center Punches 2/32 to 5/32
153-140E150 . . . . . $1.10
Pin Punches ⅛, 5/32, 3/16, ¼
153-150E150 . . . . . $1.00

ACE TAPS AND DIES

Finest high carbon alloy t steel, carefully heat treat Cuts accurate, clean threa and insures long life.

1" O.D. Dies			Taps	
436E80	4x36	$.50	51618E110	5/16x18
440E80	4x40	.50	51624E110	5/16x24
632E80	6x32	.50	3816E120	⅜x16
832E80	8x32	.60	3824E120	⅜x24
1024E90	10x24	.60	71614E130	7/16x14
1032E90	10x32	.60	71620E130	7/16x20
1224E90	12x24	.60	1213E140	½x13
1420E90	14x20	.60	1220E140	½x20
31624E90	3/16x24	.60		
1420E100	¼x20	.65	18PE130	⅛ pipe
1428E100	¼x28	.65	14PE160	¼ pipe

1" solid die. Available in same sizes as taps above.

150-SDE120 Specify die thread sz. Ea. $.80

Weller SOLDERING GUNS

INSTANT HEAT

Heat, lights come on instantly. Fingertip switch, twin spots. Replaceable tips.

125-8200E900 Dual heat 100/140 w. $6.95
125-440E1320 Dual heat 145/210 w. 9.95
125-550E1460 Dual heat 240/325 w. 10.95

EXPERT SOLDERING KIT

Dual heat 100/140 watt soldering gun with 2-position trigger switch. Spotlight lights work. Heats instantly. Includes: 3 tips, tip wrench, soldering aid, cleaning brush, solder, durable plastic utility tote case.

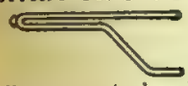
125-8200PKE1180 $8.95

HEAVY DUTY SOLDERING KIT

Professional dual heat 240/325 watt soldering gun has twin spotlites. Long-life instant-heat tip. Plus: smoothing tip, cutting tip, tip wrench, solder, rugged polypropylene tote-storage case. Gun guaranteed 1 full year.

125-550PKE1730 $14.95

EXTRA TIPS FOR WELLER GUNS



All-Purpose SOLDERING TIPS

All-purpose to handle all kinds of soldering. Quality made.

125-8125E80 For 8200 $ .60
125-7250E80 For 550 .60
125-7135E80 For 440 .60

SPECIAL SMOOTHING TIP

Perfect tip for heat-sealing and mending rips, tears in plastics.

125-6120E80 For 8200 and 440 $ .60
125-6140E80 For 550 .60

Special CUTTING TIP

Cuts plastic tile, removes hard putty, etc.

125-6110E80 For 8200 and 440 $ .60
125-6130E80 For 550 .60

WELLER 223 WATT "PENCIL" SOLDERING IRON

- Small—no bigger than a pencil
- Efficient—rapid recovery type
- Rugged—built to last
- Hot—develops 750° tip temp.
- Cool handle—easy to use
- Trouble-free—uses 115V, AC

Tiny . . . but amazingly efficient. Does the work of much higher wattage-rated irons. Has efficient rapid recovery principle. Develops 750 degrees of heat at the 1/8" tip, yet the impact-resistant plastic handle stays cool. 1¾ ozs. 7⅞" long.

125-SP23E420 . . . . . $2.98

Jet King

POCKET-SIZE

BUTANE BLOW TORCH

Includes Charger
Solders! Brazes! Fixes Leaks!

Kidde Jet-King tool for hobbyists, home-handymen. Precision tool for soldering, brazing metal craft. Appliance, radio or even plumbing repairs . . . even starts charcoal fires! Gives 30 min. intense 3500° pinpoint flame. On/off switch. Refillable.

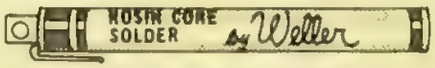
912-172E330 W/Charger $2.50
912-531E100 Box of 2 refills .70

NOKORODE

SOLDER PASTE

Special non-corrosive formula in paste form. For safe, sure soldering of all general purpose use. In 2 oz. can.

915-NKE50 . . . . . $ .40



40/60 SOLDER SPOOL—ACID OR ROSIN CORE

A general use thin wire solder, diameter .062. Comes in five foot spools. Sold only in boxes of five spools.

125-AC40E300 Acid 5 spool box 2.00
125-RC40E300 Rosin 5-spool box . . 2.00

TECHNICIAN'S SOLDER

Superior Grade 60/40 Alloy (60% Tin) Rosin Core. Ten feet of .050 diameter solder packed in clear plastic dispenser tubes, 5 to a box.

125-RC60E420 Rosin . . . 5-tube box $3.00

HIGH GRADE SOLDER

Excellent for all types of soldering — radio, TV, electric wiring, home circuits, etc. 1/8" diam. wire wound on spools. 1 lb. wire per spool.

914-S1AE150 1 lb. Acid Core $1.50
914-S1RE150 1 lb. Rosin Core 1.50
914-S1PE150 1 lb Solid Wire 1.50

MINIATURE GAS WELDING TORCH. A self-contained hand-held oxygen butane instrument that welds, brazes, and solders up to 5000° F with pinpoint heat.

908-1000E3000 . . . . . $19.95

Replacement Oxygen Cylinders

908-1001/5E600 Pkge. of 5 tubes $3.75

Replacement Butane Cylinders

908-1002/5E400 Pkge. of 5 tubes $2.50

RONSON

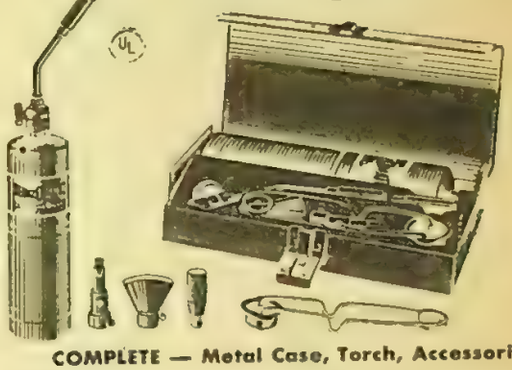
The Handiest, Most Compact Torch You Can Buy!

- BURNS FOR HOURS ON BUTANE GAS
- ADJUSTS FROM PINPOINT TO BLOW-TORCH FLAME
- LIGHTWEIGHT
- WON'T CLOG EVER!

OVER 100 HOUSEHOLD AND HOBBY USES: Loosens frozen nuts and bolts, sweats copper tubing, repairs tools, solders toys, melts ice, removes paint, lays asphalt tile, solders jewelry, thaws pipes, repairs drainpipes and gutters, burns leaves, ignites fireplace logs, soften putty, refinishes furniture.

913-30002E660 Complete Torch $4.95
913-99069E140 Addl. Refill .89

BERNZ-O-MATIC

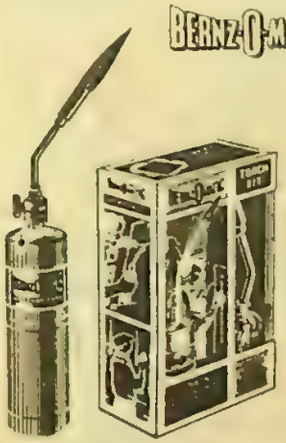


COMPLETE — Metal Case, Torch, Accessories

$13.20 Value Torch! Includes cylinder, pencil burner unit, utility burner head, soldering tip, flame spreader and flint sparklighter in metal carrying case.

814-TX25E1590 Complete kit $11.95
814-TX9E250 Refill only 2.00

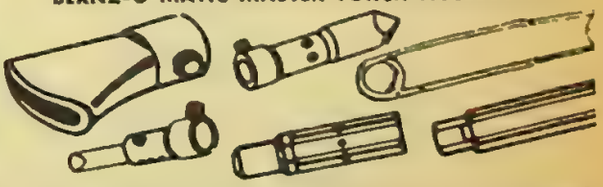
BERNZ-O-MATIC MASTER TORCH



All brass pencil flame burner or all brass utility burner for all-around hvy.-duty work. Provides over-all heat coverage, quickly. Fuel cylinder provides 15 hrs. burning. Needs no pumping. Pocket sized. UL appr.

814-10E1100 Pencil tip . $8.29
814-11E1100 Utility tip 8.29
814-TX9E250 Fuel refill . . 2.00

BERNZ-O-MATIC MASTER TORCH ACCESSORIES



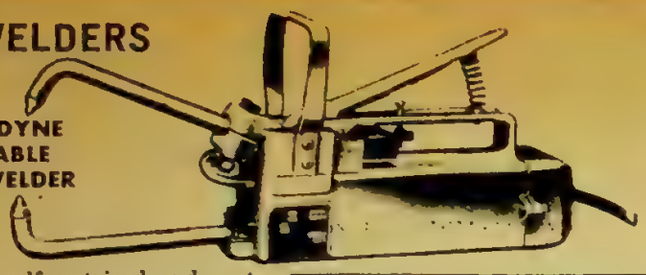
Flame Spreader Attachment—use with utility head.

814-1527E240 . . . . . $1.69

Soldering Tips—Use with Pencil Tip

814-400E300 Small $2.20
814-401E320 Large 2.29
814-405E90 Flint Sparklighter 60
814-2009E390 Utility head with orifice . 2.39
814-V1208E90 Orifice body for utility burner .60
814-1351E340 Pencil head with orifice 2.39
814-V1107E90 Orifice body for pencil burner .60

WELDERS



DURO-DYNE PORTABLE SPOT WELDER

Complete, self-contained and portable. Plugs into any outlet. Weighs only 23 lbs. . . . goes right to the job, lets you spot weld instead of time-consuming riveting, bolting or screwing. Easy to use—just squeeze the handle to apply pressure to tips, squeeze again to turn on current. When done, release handle, current shuts off. Ideal for air conditioning, heating duct fabrication, for wire frames, fences, all sheet metal work, etc.

Number	Volts	Cap.	Price
907-SP1E18700	110AC	⅛"	$120.00
907-SP2E18700	220AC	⅛"	120.00
907-BW1E27000	220AC	¼"	165.00

Arms with tips for above welders

907-S-1E1720	6" long	Pair $9.85
907-S-2E1880	12" long	Pair 12.25
907-S-3E2260	18" long	Pair 14.25

TRINDL HEAVY DUTY WELDERS

Cut, Braze, Heat, Solder, too!

Low operating cost . . . maintenance-free, highest-rated welder in its class. 82 open circuit volts 79% power factor. High output—16 instantly changeable heats from 50 thru 180 Amps. Built to take severe overload conditions and insulated for heavy-duty work. Rod sizes: 5/64 to 3/16. Easy-to-use.

180A3B7E21200 82 lbs. Without casters.. **$125.00**
180A3C7E23000 84 lbs. Without casters.. **135.00**
4CE1550 Set of 4 casters for both above. **8.95**
180A11B8E30000 200 lbs. With casters . . **179.50**
180A11C8E34000 202 lbs. With Casters.. **189.50**

DETAILED SPECIFICATIONS

Model	180A3B7	180A3C7	180A11B8	180A11C8
Primary Volts	230	115/230	230	115/230
Amps. Max. Input	30	60/30	30	60/30
Rated Amps.	180	180	180	180
Number of Heats	16	16	36	36
Rod Size	5/64-3/16	5/64-3/16	1/16-3/16	1/16-3/16
Max KVA	6.9	6.9	6.9	6.9
Max. KW	5.2	5.2	5.4	5.4
Fuses	35 Amp (lag)	70/35 (lag)	35 Amp (lag)	70/35 (lag)
Duty Cycle	30%	30%	Contin. Manual	Contin. Manual
Power Factor	79%	79%	75%	75%
Extension Cord	No. 10-3C	8-10-3C	10-3C	8-10-3C
Cabinet Size	16x21¼x 11½	16x21¼x 11½	29¾x19½x 15	29¾x19½x 15

TRINDL SUPER-INDUSTRIAL ARC WELDERS

Complete with All Necessary Rods & Accessories

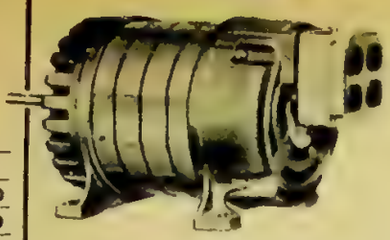
80 AMP. MODEL—heat range from 20 to 80 amps. Handles 1/16" to 3/32" rod on work up to ¼". Ideal for general repair work on autos, farm tools, appliances, bicycles, etc. Portable . . . handy for plumbers, steamfitters, hotel maintenance or hospitals, shops. 115V, 50/60 cycle.

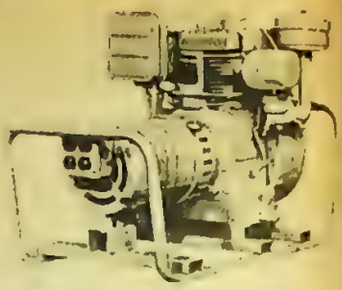
906-80E13990 With Accessories. . . . **$79.50**

125 AMP MODEL—16 instantly changeable heats from 20 to 125 amps. Handles 1/16" to 5/32" rods, on metal up to ½". For general maintenance, production work in metal plants, machine shops. 115V, 50/60 cycle.

125A11A5E21200 With all accessories **$119.50**

PIONEER GEN-E-MOTOR





ALTERNATOR

Revolving Field Generators Dual Bearing 3600 RPM

Pincor's Alternator type revolving field powerplants are designed to deliver long dependable service; providing 60 cycle AC power under fully rated loads. These power plants are ideal for emergency home service during commercial power failures. Statically designed (diode rectification) these power plants have excellent amperage surge capabilities for motor starting. Rated at NEMA 50° C classification, electromagnetic magnetized revolving field design eliminates costly maintenance. UL approved control boxes and receptacles are only used on these plants. All engines are powerful 4 cycle, easy starting and contain mechanical governors for reduction of voltage variances. These light weight power plants have eliminated the need for a commutator or commutator brushes. Quality in design make this unit an excellent buy for the homeowner or camper enthusiast.

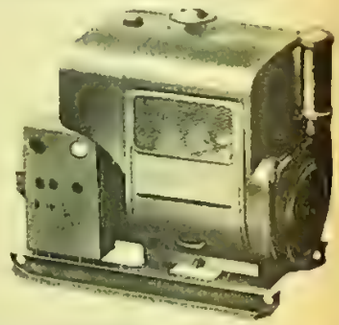
Generator Complete With Briggs & Stratton Engine

MODEL	WATTS	VOLTS	AMPS	ENG. HP.	START	PRICE
124-4999E31600	1000	115	8.7	3	Manual	$195.00
124-4927E34200	1500	115	13	4	Manual	215.00
124-4965E51300	2500	115/230	11	6	Manual	320.00
124-5253E59800	2500	115/230	11	6	Elect.	375.00
124-4966E64500	3500	115/230	15.2	9	Manual	410.00
124-5067E78000	3500	115/230	15.2	9	Elect.	490.00

Belt Driven Generator Only

MODEL	WATTS	VOLTS	AMPS	SUG. HP.	PRICE
124-5042E19000	1250	115	8.7	3	$125.00
124-5159E21600	1800	115	13	4	135.00
124-5052E24800	2500	115	21	6	155.00
124-5161E25600	2500	115/230	11	6	160.00
124-5160E29600	3800	115	30.4	9	185.00
124-5162E29600	3800	115/230	15.2	9	185.00

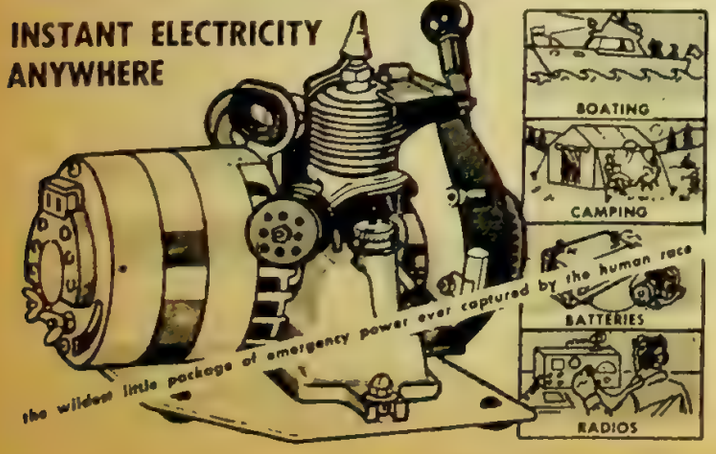
SLOW SPEED REVOLVING ARMATURE 1800 R.P.M.



If your requirement is continuous duty under heavy industrial conditions, Pincor's slow speed generator fits your need. This unit is designed and constructed to run under full load day after day with excellent performance. Operating at one half the speed of the intermittent models, precisionally built to require less maintenance, Pincor slow speed power plants are ideal for primary power installations in homes, farms, business or industry.

MODEL	WATTS	VOLTS	AMPS	ENG. HP.	START	PRICE
124-5170E86400	1500	115	13	4	Elect.	$540.00
124-5171E90500	2500	115/230	11	5.3	Elect.	565.00
124-5173E129000	3500	115/230	15.2	9.2	Elect.	810.00
124-5175E163000	5000	115/230	21.8	11.7	Elect.	1025.00

INSTANT ELECTRICITY ANYWHERE



Tiny Tiger Portable Gas Engine Generator 350 Watts

It will charge your 6 or 12 volt battery, lights, cook your meal, and even pump your bilge! (2½ hours running time with 30 minutes cooling time). It can light a 3 room house, operate a variety of power tools, play your radio, run lots of motors for lots of jobs (like pumps, fans and things). Handy for sportsmen, ranches, farms, resorts and all power emergencies. 12 pounds of gas motor driven power that fits in one hand. Uses standard outboard fuel. Size: 10½" long, 7½" wide, 8½. high.

129-65E14600 . . . . . **$114.95**
129-CC1E1600 Carrying Case. **$8.95**

SPECIFICATIONS

Make & Type-Motor—Ohlsson and Rice, Air Cooled. Horsepower—.85 Horsepower, 2 Cycle Recoil Starter. R.P.M.—6300 R.P.M.s Governed. Fuel Capacity—11 Ounces. Fuel—Premixed, 10 parts Gas—1 part Oil. Ignition System—Flywheel Magneto System. Generator Drive—Direct. Overload Relief—Automatic. Gas Consumption — Approx. 14 Ounces per Hour. Running Test — 500 Hours Minimum. Power—350 Watts, AC, 12 V. DC 12 Amps. Size—10½" long x 7½" wide x 8½" high.

COMPRESSOR TANK UNITS

SPRAYIT

Whatever the spraying job, Sprayit builds a compressor tank unit that can handle it. Farm, industry or home workshop will find these compact portable 12 gallon air tanks the perfect answer for inflating, greasing, air cleaning and spray painting. Automatic pressure switch controls maintain proper tank pressures for paint spraying. Mounted on sturdy 8" rubber-tired wheels for easy handling and mobility. Complete with motor compressor, 12-gallon tank, wheeled carriage, automatic control pressure gauge, 15 ft. fabric-reinforced air hose and Schrader tire chuck. Models T-2000 and T-3000 include the 570 spray gun. This convertible spray gun can easily be changed to any combination of bleed or non bleeder and siphon or pressure feed. It is adaptable to fluid tank operation and includes internal and external-mix fan nozzles, adjustable regular and fittings. Full year warranty. Does a professional repaint job on car or truck. Sprays an entire house in one weekend. These quiet running units combine low pressure painting with minimum overspray and perfect uniformity of diaphragm compressor. For oil, latex, water base paints, lacquers, enamel, varnish, etc. Size 35"x16"x27" high. Shipped REX or truck. See specifications below for each model.

SPECIFICATIONS

	T-1000	T-2000	T-3000*
AIR DISPLACEMENT	2.5 CFM	3.6 CFM	3.6 CFM
AIR DELIVERY	2.0 CFM @ 30 PSI 1.0 CFM @ 100 PSI	2.5 CFM @ 40 PSI	2.5 CFM @ 40 PSI 1.8 CFM @ 100 PSI
MOTOR	½ hp, 120 v, 60 cy.	½ hp, 120 v, 60 cy.	¾ hp, 120 v, 60 cy.
SAFETY VALVE SETTING	115 lbs.	60 lbs.	115 lbs.
TANK CAPACITY	12 gal.	12 gal.	12 gal.
COMPRESSOR TYPE	Single piston 2" bore x .812 stroke	Single piston 2⅜" bore x .812 stroke	Single piston 2⅜" bore x .812 stroke
PRESSURE GAUGE	0-200 PSI	0-200 PSI	0-200 PSI Controlled outlet 0-100 PSI
AUTOMATIC CONTROL	Starts: 75 lbs. Stops: 100 lbs.	Starts: 30 lbs. Stops: 45 lbs.	Starts: 75 lbs. Stops: 100 lbs.

MODEL T-1000

A low cost high pressure portable air supply for farms and workshops. Gives large volume pressures up to 100 psi. Shipping weight 80 lbs.
113-1000E14700 ..... **$114.95**

OPTIONAL 975 SPRAYING KIT

Includes adjustable regulator, gauge and model 570 all purpose gun. See description above.
Model 570 all purpose gun. See description above.
113-975E4800 ..... **$34.95**

MODEL T-2000

Painters special—low cost automatic spraying at pre-set pressure. An automatic pressure switch maintains proper tank pressures (30-45 psi) for paint spraying. Serves as low pressure air source for inflating auto tires, air cleaning, etc. Includes No. 570 spray gun described above.
Shipping weight 85 lbs.
113-2000E2000 ..... **$149.95**

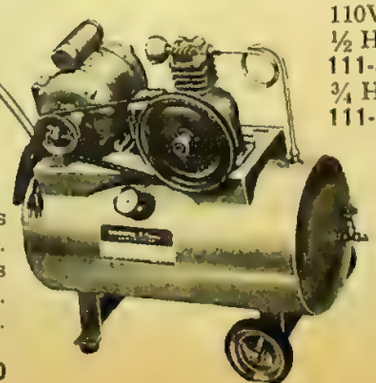
MODEL T-3000

A heavy duty painter's rig for automatic spraying at regulated pressures. The husky ¾ HP motor with automatic on-off control and air regulator adjustable from 0 to 100 psi, provides versatility and lightweight portability. Includes No. 570 spray gun described above.
Shipping weight 87 lbs.
113-3000E24000 ..... **$179.95**

STANDARD AIR HOSE

For use with all units shown on these 2 pages. ¼" inside diam. Comes complete with fittings. Finest quality made. Full 25-ft. length.
111-925E700 ....**$4.50**

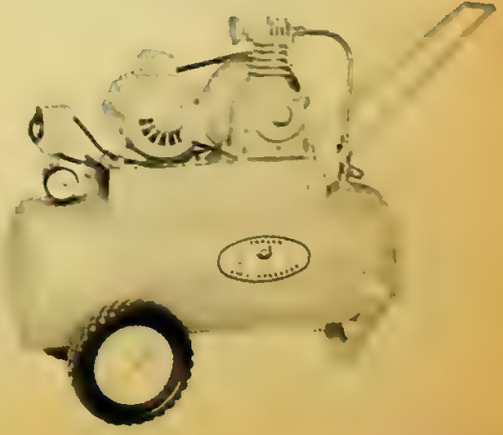
BROWN HI-PRESSURE AIR COMPRESSOR



BROWN AIR COMPRESSOR. Belt driven automatic single piston unit with 12-gal. tank. On rubber tired wheels. Safety valve set at 130 PSI. 110V, AC capacitor motor.
½ HP, 3.2 CFM (@ 40), 80-100 PSI.
111-580E24000 102 lbs...**$179.50**
¾ HP, 3.8 CFM (@ 40), 90-125 PSI.
111-590E26000 112 lbs... **199.50**

JOHNSON AIR SULKY. Rugged ½ HP 115V, AC capacitor type motor is overload protected. Delivers 1.0 CFM at 100 PSI. With pop safety valve, 10 gal. tank, pressure switch, 160 PSI capacity gauge. Piston type compressor. All welded construction. 8" wheels. 16 x 28 x 38".
127-250E17500 92 lbs. ..**$159.00**

JOHNSON AIR SULKY COMPRESSOR



SHOP BY MAIL—QUICK, SAFE, ECONOMICAL.

Piston Type for Commercial and Professional Use

SPRAYIT for commercial and professional use

(A) PISTON TYPE—½ HP

Integral ½ hp motor powers rugged-duty, piston-type compressor. Ideal for the handyman and farmer.

Oil-less piston-operated compressor with graphite-lubricated piston delivers clean, oil-free air hour after hour. Permanently-lubricated bearings.

Bleeder type, pressure or siphon-feed lightweight aluminum spray gun with aluminum quart cup has fully adjustable spray pattern through internal-mix and external-mix spray nozzle. Compressor air delivery—3 CFM @ 40 PSI, safety valve setting—50 PSI.

113-818E13990 ..... $114.95

(B) A REAL WORKHORSE—1/3 HP

This unit with powerful ⅓ hp integrally-designed motor will paint a house on a weekend, touch-up an auto body, paint a fence, do just about any job you could ask. Oil-less diaphragm compresor—requires minimum care, assures clean oil-free air by means of Neoprene diaphragm reinforced with nylon-fabric core. Bearings are permanently lubricated for long trouble-free service. Lightweight aluminum spray gun with aluminum quart cup has fully adjustable spray pattern through an internal-mix and external-mix spray nozzle.

113-720E10490 ..... $79.95

NO. 901 CARRIAGE

Enameled steel platform with spray gun holder. 5-in. rubber-tired wheels. Tubular steel handle has rubber grip, holders for hose and cord. Assembles easily. Use with 720 or 818 sprayers.

113-901E2200 ... $14.95

(C) ALL PURPOSE FAMILY SPRAYER

This easy-to-operate, light, compact push-button sprayer is equipped with a long life G.E. motor. It is designed to give top quality professional results from basement projects to furniture refinishing. Can be used for 1001 jobs including moth proofing, garden spraying, inflating and applying hair sprays, wax, carpet and upholstery detergents, waterproofing tents and awnings. Features integral diaphragm-type compressor and permanently lubricated bearings. Special inflator accessory included.

113-300E3200 ..... $24.95

(D) HOMEOWNER SPRAYER—¼ HP

A high output sprayer for fast, smooth spraying that cuts painting time literally into fractions. Quiet operating; ruggedly built; never requires lubrication.

It features an oil-less diaphragm type compressor that assures clean oil free air through a Neoprene diaphragm reinforced with nylon-fabric core.

The lightweight spray gun is equipped with a pint-size aluminum cup, supplied with an internal-mix spray nozzle. The constant-air flow, pressure-feed gun has been designed to give you professional results with all sprayable materials. Extremely easy to clean.

113-600E5990 ..... $44.95

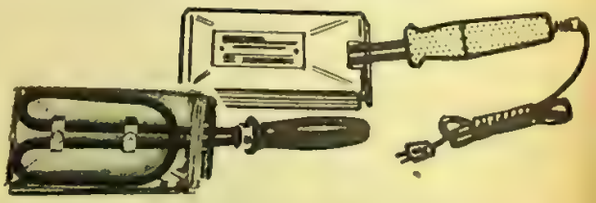
(E) HOMEOWNER SPRAYER —¼ HP

This compact, lightweight aluminum sprayer is ideal for home or hobby shop. Operates with the touch of a thumb. It features a powerful vertical vane compressor in a cast aluminum housing, a ¼ hp G.E. motor and permanently lubricated bearings. Gun has one pint plastic container and adjustable fluid tip for correct spray patterns. Easy to clean.

113-400E4600 ..... $36.95

- Smooth, even spraying pattern assures professional results every time.
- Permanently-lubricated bearings means SPRAYIT Shop units never need lubication.
- Industrial-quality construction means years of reliable, rugged-duty performance.
- One-year warranty backstops your purchase.

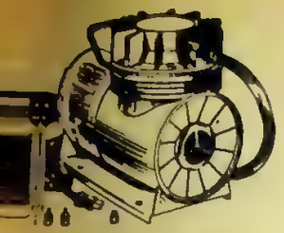
ELECTRIC PAINT REMOVER



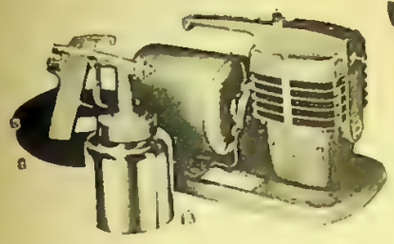
Here is an all-electric paint remover that is giving faithful, fool-proof service to thousands of boat owners, home owners, painters and decorators. Heating element same as in electric range delivers instant heat to soften paint no matter how old or number of coats. A 1,000 watt unit operates off 115 volts AC/DC current.

502-H100E1740 ..... $13.65

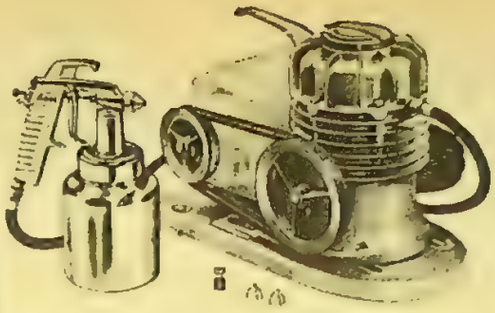
FOR FAST PAINT JOBS *Speedy Sprayer*



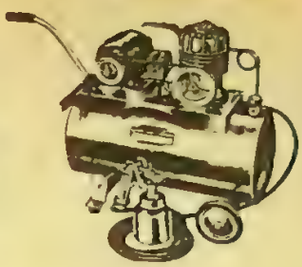
A — Complete with Motor, Gun, Hose



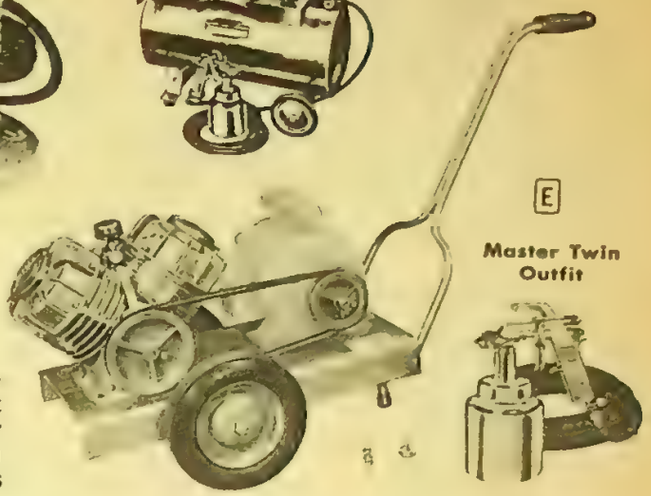
B — With ¼ HP Motor



C — With ⅓ HP Motor



D — With ½ HP Motor



E — Master Twin Outfit

SPEEDY SPRAYERS are sturdy, efficient, powerful. Deliver oil-free, clean air because they use famous, long-life diaphragms instead of oily pistons. All have motors built right in as an integral part of the unit. Ball bearings are grease-packed and sealed for long, trouble-free service . . . never need lubricating. Sprays every kind of paint, stain and varnish, plus fertilizers, insecticides and disinfectants, etc. Does the job 10 times faster than a brush or roller. Saves work, time.

(A) COMPLETE SPEEDY SPRAYER. Outstanding value. Has longlife Nylon "Buna N" diaphragm. Low-pressure principle minimizes over-spraying. All-purpose internal-mix spray gun with pint aluminum cup, fan nozzle and trigger control adjustment. With motor, 8-ft. air hose.

111-404E5600 ⅛ HP—16 lbs. $42.50
111-330E10420 ⅓ HP—30 lbs... 76.50

(B) COMPLETE SPEEDY SPRAYER. Sturdy, efficient sprayer for home-owners, mechanics, hobbyists . . . low priced. Thoroughly atomizes material to be sprayed—paints, calcimine, insecticides. With ¼ HP, ½" shaft motor that develops 25 lbs. workings pressure. Oversize diaphragm. With gun, air hose and chuck.

111-680ME9300 $69.95

(C) COMPLETE SPEEDY SPRAYER. Delivers 2 cu. ft. of air per minute at 30-40 lbs. pressure. Oversize surge chamber eliminates pulsation. ⅓ HP motor. Safety valve for 45 lbs. Sprays any material, dou-less as vacuum pump. With gun, air hose. V-belt, pully, free chuck. 39 lbs.

111-990ME9790 ..$69.95

As Above, without motor. Weight 2 lbs.

111-990E5300 .... $39.95

Wheel Kit—fits both above.

111-909E1190 .....8.50

(D) SPEEDY SPRAYER. Mobile tank sprayer on rubber wheels with air shut-off cock, pressure gauge and switch. Huge 12 gal-tank for constant air supply. 15 ft. air hose, tire chuck, multi-use spray gun. Air delivery 2.5 CFM at 35 PSI, ½ HP, 110V, 60 Cycle. AC motor. Safety valve. Wt. 80 lbs.

111-360E29800 ..$224.00

As Above, with ½ HP twin-compressor . . . delivers 4 CFM. Wt. 109 lbs.

111-450E26000 ..$195.00

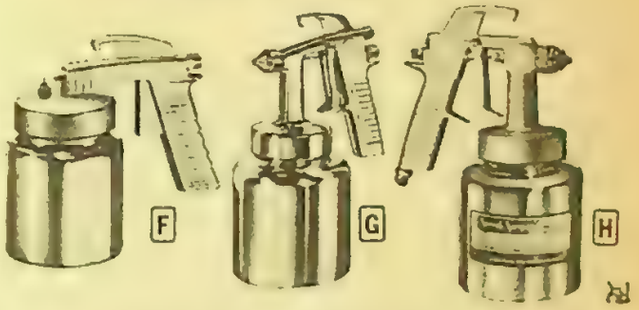
(E) MASTER TWIN SPEEDY SPRAYER. Without motor. Takes any ½ HP motor. Automatic adjustable relief valve. Big enough to tackle the toughest spraying jobs. Delivers 4 cu. ft. of air per minute at 40 lbs. pressure. With automatic adjustable relief valve and pressure gauge; 15-ft. air hose, belt, 2 nozzles.

111-444E10800 $84.50

As above on tired truck.

111-544E12500 $94.50

If needed—please write for additional information on speedy Sprayers.



F — G — H

(F) ECONOMY EXTERNAL MIX GUN. "Syphon-feed" spray gun thoroughly atomizes material. Operates on 15 to 40 PSI; produces round spray pattern. Ideal for small, medium, fine-finish jobs. Rugged die-cast construction.

111-145E820 1-Pint Aluminum Cup. . .$5.75

(G) INTERNAL MIX GUN. For all paints, enamels, water-paints, stains, varnishes. All purpose bleeder type. Operates at 1 to 3½ CFM. 1 qt. cup, 2 nozzles.

111-212E1360 $9.50

(H) MULTI-PURPOSE GUN. 3 WAY—Has internal, external and bleeder type external mix nozzles. Operates at 1½-4 CFM at 20 to 45 PSI. 1 quart aluminum cup.

111-312E1730 12.95

ELECTRO AIRLESS PAINT GUN

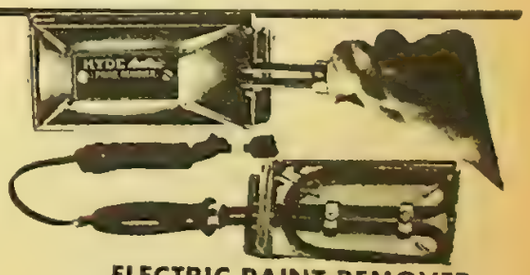
Operates on hi-speed centrifugal action to paint exactly where you want, and no where else. No clogging, fogging, spattering, over-spraying. Has 2 adjustable speeds for paint flow, plus adjustable coverage control. Needs no nozzles, needle, valve or compressor. Heavy gauge mirror-finish aluminum with 1-qt. container. 115 Volts AC/DC. Paints large areas, narrow woodwork, machinery, furniture, precision objects . . . everything, everywhere.

108-2300E7980 5 lbs. $59.95

BURGESS ELECTRIC ALL-PURPOSE SPRAYER

Complete, ready-to-use sprayer. Just plug in, pull trigger to spray paint, varnish, enamel, shellac, lacquer 3 to 7 times faster than a brush or roller. With handy accessory nozzle for spraying insecticides, garden sprays, moth-proofers. With jeweled sapphire nozzle for long, clog-free life. Adjustable for wide or narrow spray. With 24 oz. capacity jar. 115 volts. AC only.

112-855E1980 ..... $15.80



ELECTRIC PAINT REMOVER

Here is an all-electric paint remover that is giving faithful, fool-proof service to thousands of boat owners, home owners, craftsmen, painters and decorators. Heating element same as in electric range delivers instant heat to soften paint no matter how old or number of coats. A 1,000 watt unit operates off 115 volts AC/DC current.

502-H100E1740 ..... $13.65

LOWEST PRICES ON NATIONALLY FAMOUS BRANDS.

GET BOTH DESK & CHAIR AND SAVE!

902-419/2845E34000 .... $225.00

THE CHAIR—Swivel Arm Chair scientifically designed for comfort. Fingertip adjustable for just the height you want. Steel band back support. Saddle seat upholstery is vinyl fabric. Bonded foam seat: 20"x17½". Wt. 38 lbs.
902-2845E10600 ..... $66.50

"EXECUTIVE DESK"—Smartly styled, ruggedly constructed, comfortable. Ideal for salesmen, department heads. Heavy gauge steel. Linoleum covered top is 60¾"x31" Lock on center drawer automatically locks all drawers. Colors: brown, gray, green or tan. Desk with 1 letter, 4 box drawers. Wt. 210 lbs.
902-419E25000 ..... $169.50
Desk with 2 letter, 2 box drawers.
902-420E25000 ..... $169.50

COMPLETE OFFICE UNIT

As shown. Use side by side or stack. Colors: Mist Green, Olive Green, Desert Sand or Gray. 173 lbs.
349/473E17000 ..... $145.00

Items, When Purchased Separately . . .

BOOKCASE SECTIONS. 4 adjustable compartments for supplies, catalogs, etc. 30½" W, 37½" H, 17" D. Shpg. wt. 70 lbs.
902-349SE6990 $43.25
As above, 2 swing doors.
902-349LE9250 $57.75

"BANKERS" FILE. 3 letter files, 3 adjustable storage compartments under lock, key. 30½" W, 37½" H, 17" D. 103 lbs.
902-473E11000 $71.95
Extra lock for all drawers.
902-473PLE12500 $79.45

SALESMAN'S DESK

Space-saver with 4 roomy drawers, an arm rest and compartment with 3 shelves under lock and key. Desk height. 40"W, 18"D. Desert Sand, Olive Green, Gray. Specify. 80 lbs.
902-756E9000 ... $59.95

STURDY STEEL DESK

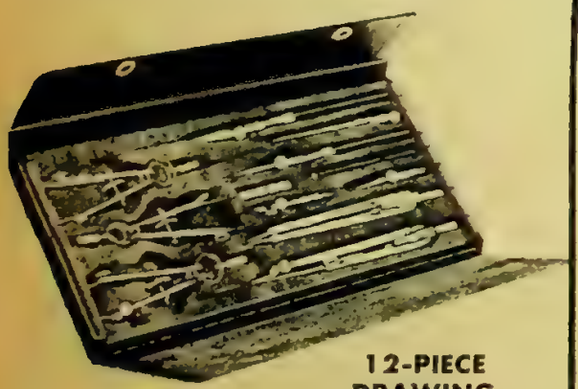
Two drawers for supplies, one with pencil and clip tray included. 30½" wide, 27" high, 17" deep. Easily assembled. Durable linoleum work top. Wt. 26 lbs. Specify sand or gray.
902-751E2980 ... $18.95

Buy Both & Save! 52 lbs.
9880/759E7900 .. $47.50

"POSTURE" CHAIR ONLY
Soft rubber seat 16½" x 14¼" adjusts. Sand or Gray. Specify.
902-9880E5250 .. $32.95

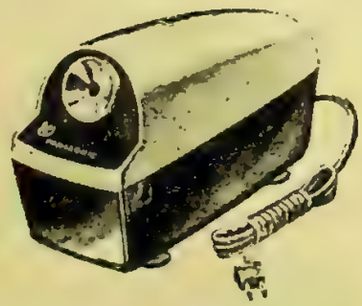
TYPEWRITER DESK ONLY
Opens to 39x17". Drawer for supplies. Specify. Sand or gray.
902-759E2950 ... $16.95

TELEPHONE DESK-TABLE
Used by top executives. 2 compartments inside with locking door. Open top shelf. Linoleum top 20"x20". 30½" high. Mist Green, Olive Green, Sand Gray.
902-10XE10800 Shp. wt. 63 lbs. $67.9
With Burn-Resistant Top.
902-10XCTE13200 ..... $82.9



12-PIECE DRAWING SET

Handsome set includes every most-needed tool, in striking leatherette Black case. 12 pieces include: 5¼" compass with reversible needle lengthening bar; pen and pencil divider parts; two 5¼" ruling pens; 3½" spring bow pen, pencil and divider, box of lead and screw divider.
807-740E1390 ..... $12.95



NEW ELECTRIC PENCIL SHARPENER

Electric pencil sharpener anyone can afford. Durable, efficient. Sharpens regular, charcoal, pastel pencils . . . saves time and pencils. Automatic indicator lights when pencil is sharpened. Special tempered steel cutters. Suction cups hold unit firm. Sealed motor, permanently oiled bearings. 5x3¼x4¼". 115V, 100W, AC.
852-100E1980 ..... $15.95

ELECTRIC PENCIL SHARPENER

Clever, practical and economical. Uses 3 "C" batteries (not incl.) in base to operate. Has extra blade. Just press down pencil to use.
807-539E580 .. $4.95

THREE-MINUTE TIMER

For timing eggs or telephone calls. Brass finish construction with supports. Stands a stately 3¼" tall. Makes a decorative addition to the desk, as well.
807-540E120 ... $1.00

- Designed to safeguard valuable records.
- Secret vaults equipped with large combination dial locks.
- Heavy gauge steel. Available in Desert Sand or Cole Gray baked enamel finish.

Cole "DESK 'n FILE" Cabinet

A retractable desk . . . a safe for valuables . . . drawers for checks . . . files for letters . . . compartments for books and drawers for index cards. A complete office protected by 2 doors, lock and key 22¾" w, 60" h, 19" d
902-1093E25000 ..... $166.95

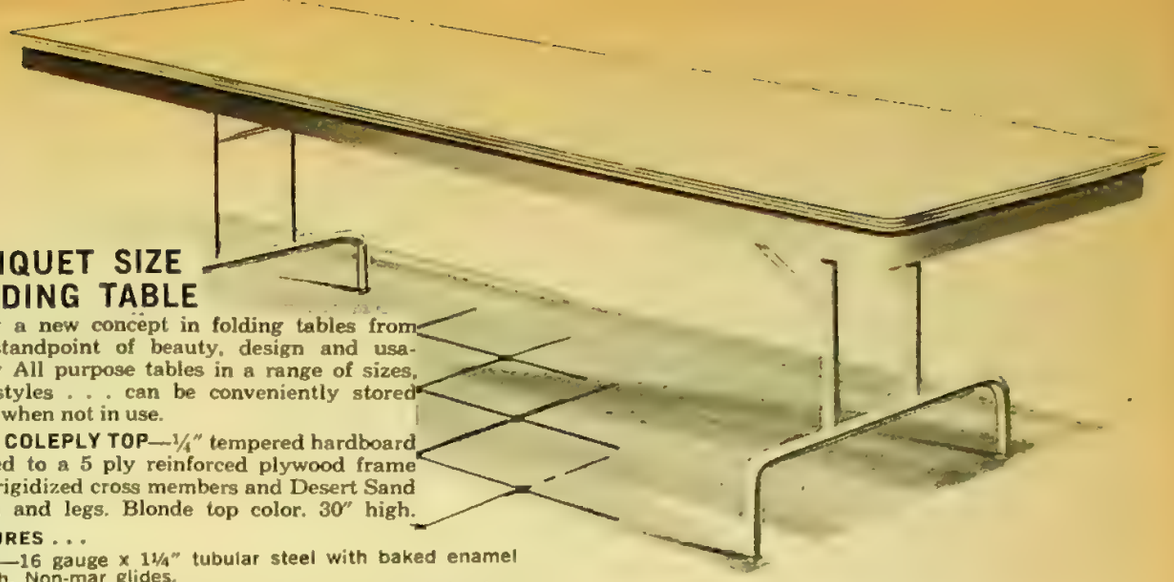
ECONOMY CABINET

Heavy steel with lock and key. Easily assembled. 72" high, 36" wide, 18½" deep. Wt. 145 lbs.
902-772E11300 ..... $74.95

"SAFE-TYPE" CABINET. As above cabinet, but 76" high.
902-76E15600 166 lbs. $103.75

CLEAN UP YOUR OFFICE OR STOCK ROOM NOW

Six compartment large heavy duty shelving unit. Shelves adjustable on 2" centers. 36" W. 87" H. 12" deep, 20 lbs.
902-8712E8100
$56.50



BANQUET SIZE FOLDING TABLE

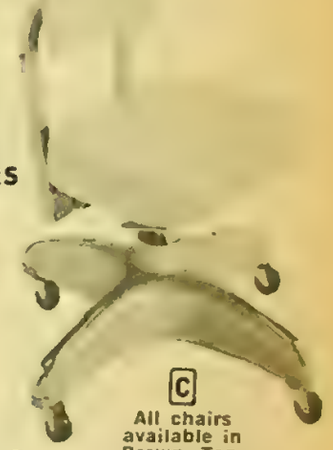
Truly a new concept in folding tables from the standpoint of beauty, design and usability. All purpose tables in a range of sizes, and styles . . . can be conveniently stored away when not in use.

WITH COLEPLY TOP—¼" tempered hardboard bonded to a 5 ply reinforced plywood frame with rigidized cross members and Desert Sand apron and legs. Blonde top color. 30" high.

FEATURES . . .

- **Legs**—16 gauge x 1¼" tubular steel with baked enamel finish. Non-mar glides.
- **Apron**—1¾" x 16 gauge, channel steel with rounded safety corners and supporting gussets for strength. Baked enamel finish.
- **Top Edge**—Heavy flush-type extruded aluminum "T" molding.
- **Leg Lock**—Exclusive Cole leg brace and positive locking mechanism requiring no pressure or bumping. Just flip open the legs and they securely lock in position. A touch of the finger and they are released.

902-TF2E6300	30"x72"	62 lbs.	$48.00
902-TF3E7600	30"x96"	73 lbs.	57.00
902-TF4E7200	36"x72"	70 lbs.	54.00
902-TF5E8900	36"x96"	85 lbs.	67.00



SAVE ON COLE STEEL MODERN OFFICE CHAIRS

(A) CLERICAL CHAIR. Spring back rest 15x11¼". Adjusts 5 ways. Foam seat 18½x16½x3½". Saddle upholstery.
902-9811E11100 Wt. 58 lbs. $69.95

(B) DRAFTSMAN CHAIR. For telephone operators, too. Self-aligning back rest. Height, seat adjustment. Upholstered rubber seat 16½x14¼".
902-9818E5980 Adj. 22-30". $39.50
902-9819E6450 Adj. 26-34". 41.50

(C) SECRETARY TYPIST CHAIR. Corrects improper posture. Fingertip adjustment. Tubular steel back support. Aluminum color frame and base. Bonded foam rubber seat, 16½" x 14½" x 2¾".
902-E9810E5990 30 lbs. $37.50

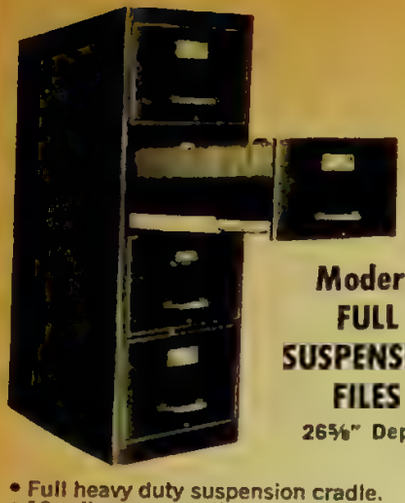
All chairs available in Brown, Tan, Green, Gray, Turquoise or Black

EXECUTIVE CHAIR

Fingertip controls adjust the tension and height. Foam seat: 19x16½"x4". Saddle seat upholstery. Heavy steel frame and sculptured swivel base.
Shpg. wt. 39 lbs.
902-9825NE12900 $83.50

DELUXE FOLDING CHAIR

Heavy duty steel folding chair with large 16"x16" padded vinyl covered seat and contoured steel back for maximum comfort. Finished in baked - on chip resistant beige enamel. Completely rustproof. Packed 4 to a carton—wt. 45 lbs.
905-33E5200 Padded seat
$40.00 ctn. of 4
905-32E4200 Steel seat
32.00 ctn. of 4



COLORS: Mist Green, Olive Green, Desert Sand, Gray. Specify.

Modern FULL SUSPENSION FILES

26⅝" Depth

- Full heavy duty suspension cradle.
- 10 rollers per cradle.
- Automatic locking nest, prevents drawer from rolling out on uneven floors.
- Mechanical release and stop-lock for suspension removal.
- Automatic centering device.
- Full inner panel on each drawer.
- Safety edged "Hand Hold" for lifting in rear of drawer back.
- 4 full vertical uprights for rigidity—2 on each side.
- Heavy Gage Steel—Lifetime Service.

TWO DRAWER—Desk Height

Number	Width	Height	Wt.	Price
944-1502E6200	15"	30"	68 lbs.	$46.50
944-1502LE6900	As abv. w/lock 69 lbs.			52.50
944-15023E6400	18"	30"	78 lbs.	50.75
944-15023LE700	As abv. w/lock 79 lbs.			56.75
THREE DRAWER—Counter Height				
944-1503E6990	15"	40"	102 lbs.	$55.95
944-1503LE8440	As abv. w/lock 103 lbs.			67.70
944-15033E8600	18"	40"	114 lbs.	68.45
944-15033LE9980	As abv. w/lock 115 lb.			78.20
FOUR DRAWER—For Extra Capacity				
944-1504E7200	15"	52"	120 lbs.	$56.95
944-1504LE8500	As abv. w/lock 121 lb.			69.70
944-15043E9000	18"	52"	136 lbs.	71.80
944-15043LE10800	As abv. w/lock 137 lbs.			83.75
FIVE DRAWER—Saves Valuable Office Space				
944-1505E11800	15"	62"	153 lbs.	$87.50
944-1505LE13800	As abv. w/lock 154 lbs.			101.25
944-15053E13000	18"	62"	170 lbs.	94.50
944-15053LE14700	As abv. w/lock 171 lbs.			108.25

Cole's Visible Card Files

For Quick reference, speedy posting. Keeps records clean, orderly, easily accessible so important information can be signaled in the visible margin and instantly seen. Lower ¼" of all cards are exposed for fast reference. Holds 5x3, 6x4, 8x5" cards. Made of heavy steel. Can be stacked to any height. Truly versatile, durable.

BASES (15" high) for 6-dr. cabinet.
902-VIZ-21B1800 $10.00
for 12-dr. cabinet.
902-VIZ-22B2600 $15.00
Mist Green, Olive, Desert Sand, Gray.

6-DRAWER CABINET
10½" wide, 9" high 16" deep. With 24 pockets.
902-VIZ100E 8650
Wt. 31 lbs... $57.50

12 DRAWER UNIT WITH 480 POCKETS
902-VIZ101E14900
$99.50

EXECUTIVE FULL SUSPENSION FILES

10 rollers per cradle
(8 ball bearings—2 idlers)

Last Folders As Accessible As the First

With safety latches and positive side lock compressors for protection. Heavy gauge steel. Colors as listed at top of page. Specify.

TWO DRAWER. Desk height.

Stock No.	Width	Height	Wt.	Price
944-102E6500	15"	30"	73 lbs.	$53.75
944-102CLE7150	Above with lock			57.75
944-1023E7300	18"	30"	82 lbs.	60.75
944-1023CLE7950	Above with lock			64.95
944-104E8500	15"	52"	128 lbs.	$73.95
944-104PLE9900	Above with lock			82.95
944-1043E9900	18"	52"	144 lbs.	82.95
944-1043PLE11500	Above with lock			91.95

MERCHANTS FILE

Two full suspension letter files, card drawer, secret vault, storage compartment, all under lock and key. 30½" W., 32" H., 17" D. Wt. 106 lbs.
902-1370E11500
.....$75.95
As above, with additional lock for all drawers.
902-1370PLE12700
... . 83.45

EXECUTIVE FILE

2 full suspension letter files, 2 card drawers, secret vault, storage compartment, lock and key. 30½" W., 37½" H., 17" D. 120 lbs.
902-1478E13200
.....$86.75
Above with additional lock for all drawers.
902-1478PLE14400
..... 94.25

EXECUTIVE BOOKCASE

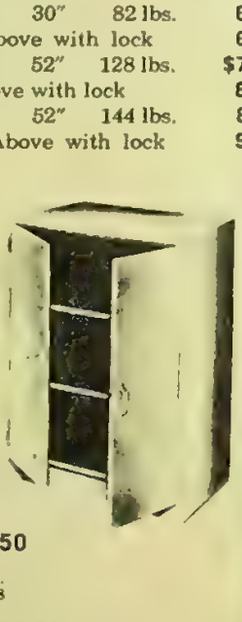
Smartly styled bookcase with clear, sliding glass doors. 3 adjustable compartments spacious enough to hold all your books, and a handsome way to show them off. Overall size: 36" wide, 42" high, 15" deep. Specify color from list above. Wt. 110 lbs.
902-342-GLE11200
.....$69.95
As above, but open without glass doors.
902-342E7600 47.50

SAFETY CABINET

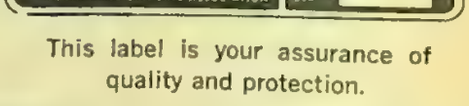
Keeps supplies, catalogs, printed matter neat and orderly. Three adj. shelves, 30½" W., 37½" H., 17" D. Two doors. Heavy steel. 70 lbs.
902-349LE8800 $54.95

COUNTER HEIGHT

2 swinging doors. 3 adj. shelves. 30" W., 40⅜" H., 26⅝" D. Wt. 120 lbs.
902-800E10900 $72.50
2 sliding doors, lock, 2 shelves. 30x40⅜ x26⅝ 116 lbs.
902-800SLE11200 $74.50



FIRE INSULATED STEEL SAFES



This label is your assurance of quality and protection.

Protect your valuables against fire and theft. You save up to 20% on burglary insurance. Insulated against fire for 1½ hours up to 1700°F. Heavy cold-rolled steel construction, electrically welded throughout. Attractive "Graytone" finish. Concealed smooth rolling casters at no extra cost on all safes except smallest unit.

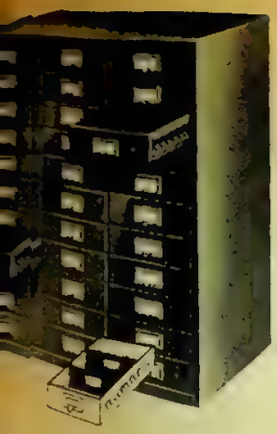
Catalog No.	Inside Dimensions Wide	Inside High	Inside Deep	Outside Dimensions Wide	Outside High	Outside Deep	Price	Shipping Weight
902-1513E14300	10"	13½"	11½"	14¼"	20½"	17⅜"	$ 94.50	145 lbs.
902-1514E18200	11"	15"	13"	15¼"	22"	19¾"	120.75	180 lbs.
902-1515E21600	12¼"	18"	13"	16¾"	25¼"	20¼"	156.50	200 lbs.
902-1510E27000	12¼"	18"	18"	16¾"	25¼"	25¼"	177.50	300 lbs.
902-1511E31600	17¼"	20"	17"	22½"	28⅛"	22⅞"	209.50	380 lbs.
902-1512E36200	17¼"	30"	17"	22½"	38⅛"	22⅛"	240.50	585 lbs.

ECONOMY NON SUSPENSION

24" Deep Heavy Gauge Steel Files
Large Nylon & Steel Rollers Throughout

- Positive side action spaceless follower block.
- Automatic locking nest prevents drawer from rolling out on uneven floors.
- Heavy gauge furniture steel electrically welded throughout.
- Drawers fitted with brushed aluminum handles and card holders.
- Index guide rods in all drawers.

	Width	Height	Wt.	Price
944-224E4480	15"	30"	48 lbs.	$35.95
944-224CLE5160	As above with lock			39.95
944-2243E5280	18"	30"	58 lbs.	41.95
944-2243CLE5950	As above with lock			45.95



HEAVY GAGE STEEL 27 OR 33 DRAWER CABINET

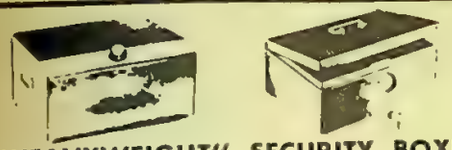
Will pay for itself in safeguarding hardware, tools, catalogs, printed material, checks, photographs, etc. Desert sand or gray.

27 Drawers—Overall size 30½"x13"x37½"
902-2712E9750 ..... **$64.95**
Each drawer 9"x3½"x12"
902-2716E11300 ..... **74.95**
Each drawer 9"x3½"x16"
Overall sz. 30½"x37½"x13" 33 Drawers
902-3312E9700 ..... **$64.50**
Each drawer 8⅝/x2¾"x12"
902-3316E12600 ..... **83.50**
Each drawer 8⅝"x2¾"x16"

5-DRAWER BLUE-PRINT CABINETS

Heavy gauge steel units, designed for maximum protection of blueprints, art work, engravings, maps, paper, etc. Drawers glide on smooth ball-bearing rollers. Rear hood and lift compressor in front provide protection for contents. Units can be added and interlocked. **Shown at right** are two 5-drawer units on a sanitary base. **Specify color**
Sand or Gray.

Inside Drawer Size	Outside Cabinet Size	
902-4030E21800 Shipping wt. 203 lbs.		**$145.50**
37"W.x2⅛"H.x25"D.	40⅜"W.x15¾"xH.x28⅜"D.	
902-4332E28500 Shipping wt. 280 lbs.		**$189.50**
43"W.x2⅛"H.x32"D.	46⅜"W.x15¾"H.x35⅜"D.	
902-5038E33200 Shipping wt. 343 lbs.		**$221.50**
50"W.x2⅛"H.x38"D.	53⅜"W.x15¾"H.x41⅜"D.	
902-KLE2600 Key Lock controlling all 5 drawers		**$17.50** add'l.



"HEAVYWEIGHT" SECURITY BOXES

A secure protection for bonds, cash and other valuables. Extra heavy steel, electrically welded. Made either with disc tumbler locks or dial combination locks. Cole-Gray.

With DISC TUMBLER LOCK
902-180E1600 11¼" Wide, 4⅜" High, 7⅜" Deep . **$10.50**
902-1303E2400 13½" Wide, 5½" High, 10⅛" Deep **16.50**
With COMBINATION DIAL LOCK
902-1505E4000 16" Wide, 7¾" High, 12" Deep. **$29.95**

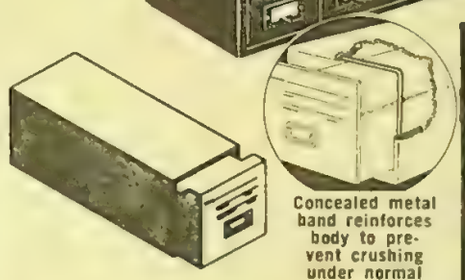
18-DRAWER STEEL PARTS CABINET

Heavy gauge all steel drawers and channel-forged frame. Each 4¾"W x 2⅝"H x 11"D drawer has 2 dividers. Overall size of cabinet: 34"L x 10½"H x 11¾" D. Shpg. wt. 60 lbs.
526-2362E5900 $39.50

ADJUSTABLE STEEL SHELVING

Rolled shelves curled for safety and strength, baked enamel finish, sway braces for rigidity. New construction gives greatly increased strength and rigidity. Oven-baked enamel finish. Floor guards included. Shelves adjustable at 1½ inch intervals

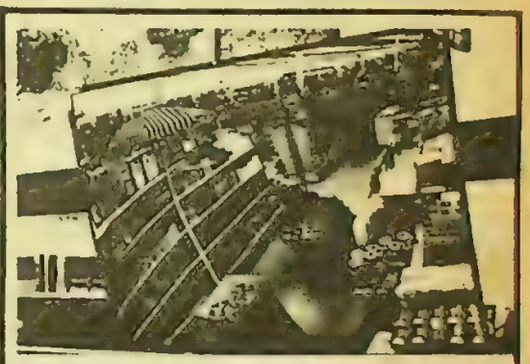
No.	Shelves	Wt. Lbs.	Ht.	Width	Depth	Price
547-D445E1080	4	15	60"	30"	12	**$9.00**
547-D566E1400	5	24	72	36	12	**12.00**
547-D586E1800	5	32	72	36	18	**14.00**



Concealed metal band reinforces body to prevent crushing under normal load.

PRONTO "STANDARD" FILES

Lowest cost pull drawer storage file. Will provide years of service. Sturdily built of high grade Tan fibre board with metal reinforcement. Use tested to hold up to 1,100 lbs. Metal drawer pull.
Letter Size 12W x 10H x 24L
943-1210E3000 Ctn./6 units **$21.00**
Legal Size 15W x 10H x 24L
943-1510E3300 Ctn./6 units **25.80**



MIRRORS STOP SHOPLIFTING

Convex-surfaced reflectors . . . mount strategically on wall or ceiling and get a clear view of the entire floor area . . . even around corners. Casts easily recognizable image for sure identification. Inhibits would-be shoplifters.

HEAVY DUTY STEEL SHELVING UNITS

Large, heavy duty shelving units with 50% more capacity than standard units. Built of heavy steel, yet costs no more than wood. Shelves are adjustable on 2" centers, can be raised or lowered, or more shelves added. Includes 4 steel gusset plates for extra rigidity. Easily assembled.

Stock No.	Width	Height	Depth	Compartments in Each	Unit Price	Shpg. Wt
902-7512E4850	36"	75"	12"	Five	60 lbs.	**$30.50**
902-7518E5850	36"	75"	18"	Five	75 lbs.	**36.50**
902-7524E6950	36"	75"	24"	Five	90 lbs.	**43.50**
902-7542E8450	42"	75"	24"	Five	105 lbs.	**52.95**

Must be shipped by truck or REX from Chicago Warehouse.

WAREHOUSE TRUCK

Specially designed wide-spread handles provide perfect balance even with large or bulky shaped bags. Ideal for warehousing . . . sturdy throughout. **800-lb. Capacity.** With 16½" x 10" nose, 46" handles. 8" x 2" x ⅝" roller bearing wheels.
924-TMHE6600 47 lbs. **$51.00**

ALL BALL-BEARING UTILITY TRUCK

450-lb. Capacity lightweight tubular steel truck with 14" W x 8"L nose x 48½" L handles. With stair-climber supports, curved cross straps for pails, kegs, drums, etc. 10x 2.75" wheels. Wt. 37 lbs.
924-136Z3890 ..... **$31.50**

STOR-A-WAY CENTER

Dust-proof containers hold dozens of items in basement, office, closet, etc. Self-locking lids. 2 sizes: 3 medium, 6 extra large containers. With labels. 5-shelf storage rack is 60" high, 36" wide, 12" deep. Edges rounded. Cross braced. 38 lbs. Shipped from Chicago warehouse.
547-R63E2980 ..... **$23.00**

SEE-ALL ROUND MIRROR

Convex safety reflector provides widest viewing angle of any mirror of its type. Slated, copper backed. Special swivel back lets you position as desired. Comes with stand, brackets, mounting hardware. Choose from 3 sizes.*

923-1800E4000 18" Diam. 15 lbs. **$27.50**
923-2400E6200 24" Diam. 20 lbs. **44.00**
923-3600E11900 36" Diam. 30 lbs. **82.50**

RECTANGULAR REFLECTOR

See-All Rectangular convex reflector is ideal for low-ceilinged areas. Detachable mounting bracket.*

923-914E2600 9x14", 8 lbs. **$18.00**
923-1524E5200 15x24", 20 lbs. **38.00**
923-2030E8600 20x30", 26 lbs. **60.00**
***Specify Ceiling or Wall Mount**

PORTABLE TYPEWRITERS

SCM

First Name in Quality...

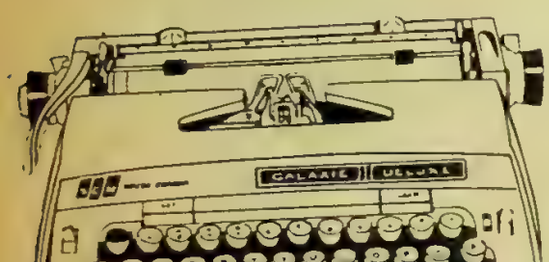
POWERITER CUSTOM ELECTRIC

The only electric portable with portable electricity. Operates on standard 110V, AC or energy cell, which recharges itself while operating on 110V, even when typing. With full 88-character office-size keyboard, electric shift keys, 5 automatic repeat action keys. The rechargeable eneregy cell is included at no extra charge, and indicator lights to show when cell is recharging. Plug-in cord for AC is detachable. Has full-length tabulator, key sets, clears; personal touch selector; quick-set visible margins; Page Gage; easily removable platen retractable paper support arms. In trimline steel case.
850-B6SE29500 Shipping weight 28 lbs. **$199.50**

ELECTRA 110 ELECTRIC PORTABLE

Tomorrow's typewriter today! Performance features: jeweled main bearing escapement; easily-removable platen that is color matched to the new metallic machine finishes. Convenience features: 5 repeat-action keys, low-cost Changeable Type. Standard Smith-Corona features: transparent line indicator; Copy Set dial; full 88-character office size keyboard; electric shift keys; full-length tabulator with key sets and clears; personal touch selector; erasure table; quick-set visible margins; Page Gage with forward-glide top deck. In vinyl-clad trimline carrying case. 10" carriage types 8.4" line. 110-120V, AC. **5 year guarantee.** Ship. wt. 27 lbs.
850-110E25800 ..... **$169.50**
SMITH-CORONA ELECTRA 120. As above, but 12" carriage.
850-120E27900 ..... **184.50**

SCM SMITH-CORONA POPULAR ELECTRIC & NON-ELECTRIC PORTABLES



A

C

D

(A) Non-Electric Galaxie Deluxe

Performance-engineered mighty-mite of portables for school or business. Has new jeweled escapement and jeweled main bearing to keep its factory-new precision! Has all the famous Smith-Corona features PLUS changeable type bar and color-matched platen. Full office size 88 keyboard with piano-key action, cushioned return lever, new line indicator, touch selector, erasure table, variable line spacing, full length tabulator, quick-set margins, page gauge. In Trimline steel case.
850-6T2E21400 21 lbs. **$116.50**

(B) Smith-Corona Classic 12 Non Electric

The most complete of the non-electrics. Has jeweled main bearing, escapement plus *two* changeable type bars, and an extra-wide 12" carriage. 3 way space bar —single space, half space or power space; cushioned return lever, transparent line indicator, de-jam key, erasure table, quick-set visible margins. Full office-size 88-key board piano-key action; key-set full length tabulator; personal touch selector; page gage. In Trimline steel carrying case.
850-6LT2E22800 23 lbs. **$127.50**

B

(C) Coronet Electric

All the speed, ease, and convenience of electric typing. Has a big-office-machine 88-character keyboard with full-length key-set tabulator, and 5 automatic repeat-actions . . . dots, dashes, spaces, 'X's and underlines fast! Personal touch selector, erasure table, transparent line indicator, variable line spacing. Also has Page Gage, Copy-Set, Quick-Set visible margins . . . In Trimline case. Ship. wt. 27 lbs.
850-6SE24800 ..... **$149.50**

(D) Sterling Non Electric

An outstanding non-electric portable with rugged new beauty for student or family use. Full office-size 88-key board with front key-set full-length tabulator; personal touch selector; Quick-Set visible margins; variable line spacing; transparent line indicator; Page-Gage; Removable Platen Trimline case. *Specify color:* Metallic lt. tan, Spring Green, Star-Mist blue. Ship. wt. 20 lbs.
850-5AXE17900 ..... **$107.50**

USE OUR MILLION DOLLAR INVENTORY FOR ALL YOUR TOOL NEEDS.

SCM

SMITH-CORONA

BET YOU NEVER THOUGHT OF A GIFT LIKE THIS SMITH-CORONA FIGUREMATIC...

A Midget Wizard to Figure Your Toughest Problems. A low-cost, 8-lb. electric "brain" to do your adding, subtracting and multiplying automatically, electrically! It will be your biggest time and money saver, too! Dependable . . .you can count on Figurematic to check everything from store bills to a store inventory . . . fast as you can click off the items. And what about that income tax? Need help there? Figurematic can figure it faster, accurately! Figurematic is a technological breakthrough in concept, design and manufacturing! Through creative engineering, many parts and assemblies were combined into a single, more efficient unit designed for greater durability, accuracy and convenience. And, it means fewer moving parts. More compact – lets you take it easily from shop, store or office, home and back, or from room to room. Has features usually found only in machines costing much more.

850-708E11760 . . . . . $89.50

- *Adds, Subtracts, Multiplies Electrically!*
- *Use It Anywhere for "Instant Accuracy"*
- *Hand-Span 10-Key Board . . . with Extra-Sensitive Touch Response*
- *Easy-Going Portability . . . Tuck In Cord, Snap On Cover, Pop Out Handle, AND GO*
- *Light As A Feather—only 8 lbs.!*
- *Compact, too—9x13x7"*
- *Easy to Use . . . Combined Digit Indicator and Clear Key Simplifies Operation*
- *Large, Sharp, Easy-to-read Type, Clearly Printed Tape . . . No Need to Squint!*
- *Big Capacity—lists 7 columns, totals 8!*

IDEAL FOR . . .

- *Accountants* • *Students* • *Bookkeepers*
- *Lawyers* • *Teachers* • *Housewives*
- *Engineers* • *Insurance Men* • *Doctors*
- *Salesmen* • *Businessmen*

DELUXE MODEL

Outstanding deluxe all-electric adding machine with all the most-wanted Smith-Corona features. Has highly-visible column indicator; electrified total, sub-total and subtract keys; repeat key (X); finger cut-out; key-board correction key; quick-release cover; highly readable type; easy-feed paper chute; quick-change ribbon feature. Lists 8 columns ($999,999.99); totals 9 ($999,999.99). Rugged 115V, governor-controlled motor. 5¾"Hx8"Wx12"L size. Charcoal gray. With dust cover.

850-890-22800 . . . . . 139.50

CORSAIR SMITH CORONA

. . . . SCM's Latest Model

Reporters choose SCM's latest model above all others because it has all the features they demand. Lightweight yet ruggedly built to stand up after years of hard use. The greatest dollar value in typewriter history. Features: Full 84 Character Keyboard—Preset Tabulator—Personal Touch Selector—Quick-Set Visible Margins – Retractable Paper Support Arms—Smith-Corona Page Gage—Error Control – Cycolac Jacket – Unified Base and Case—Shipping Weight 12 lbs.

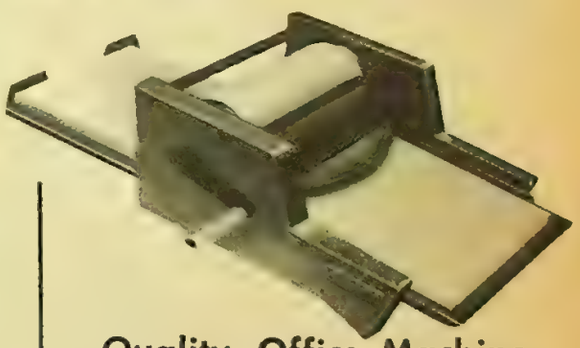
850-6YE8990 . . . . . $59.95

ADD SUBTRACT MULTIPLY

COLE STEEL ADDING MACHINE

Jamproof electric adding machine with all the newest, most advanced features. Totals 8 columns (999,999.99). Automatic ciphers and punctuation. Non-add keys. Concave keys alternate with rows of even-numbered flat keys . . . lets you add, subtract, multiply – even blindfolded! AC/DC. 15 lbs.

902-435E26000 . . . . . $169.50



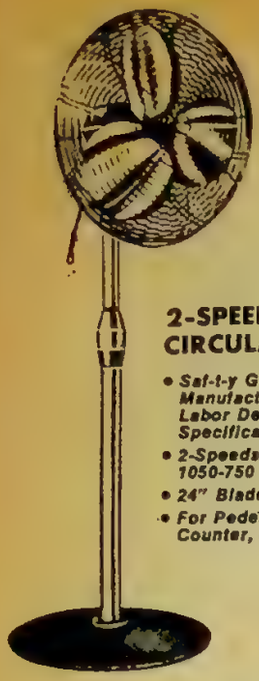
Quality Office Machine

SPIRIT-TYPE DUPLICATOR. Reproduces 1 to 5 colors simultaneously! Duplicate anything you type, write, draw or print, up to 9½x13". 300 or more brilliant copies per master! Hand operated. With instructions.

902-415E13570 26 lbs. $89.75

SUPPLY KIT. 1 gal. duplicating fluid; 50 master units 8½x11"; 1 ream 8½x11" paper; 15 sheets master paper; 5 sheets each red, green, purple, blue, black carbon paper; pour spout; correction pencil; cleansing cream.

902-SKE2390 Kit $15.95

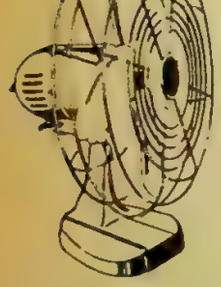


2-SPEED AIR CIRCULATOR

- *Saf-t-y Guard Manufactured to Labor Dept. Specifications*
- *2-Speeds—1050-750 RPM*
- *24" Blade*
- *For Pedestal, Wall Counter, or Ceiling*

Designed to move large volume of air with continuous-action 1/6 HP motor. Operates on 110 volts, AC; delivers 4900/3900 CFM at two speeds. Drives the polished aluminum blades "Whisper-quietly" so you work undistracted. High lustre chromed pedestal adjusts 4-8-ft. Vibration, noise-free base.

Number	Model	Wt. lbs.	Price
118-243PE14900	Stand	80	$140.00*
118-243DE12700	Counter	40	120.00*
118-243WE12700	Wall	40	120.00*
118-243CE12700	Ceiling	40	120.00*



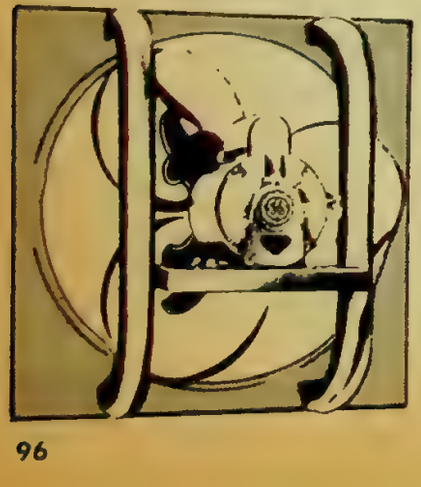
FRIGID 12" TABLE FAN

Heavy-duty oscillating 12" table model 3-speed fan for high, medium or low speed oscillation . . . switch on rear. Can be used oscillating or stationary. Rated superior in performance. Pearl grey, chrome guard, polished blades. 4-pole, 105 watts. 115V, AC motor.

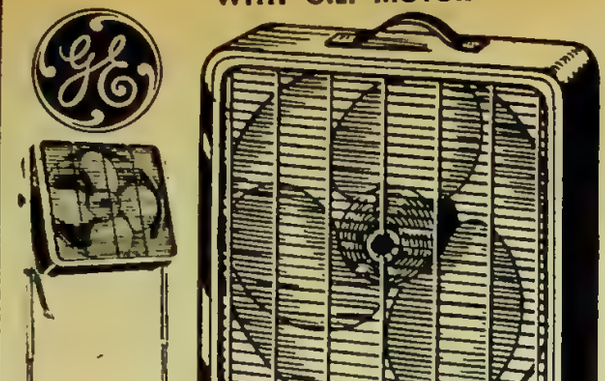
118-12X3E3750 Wt. 12 lbs. . . . $29.80

As Above, but single speed, 11 lbs.

118-XS12E3280 . . . . . 25.80



FRIGID ALL-PURPOSE 20" FAN ELECTRICALLY REVERSIBLE WITH G.E. MOTOR



Use It On Table, Floor, In The Window

A flick of the switch changes from intake to exhaust. 3 quiet speeds . . . 1,000, 800, 600 RPM . . . to exhaust hot, stale air, or intake cool outside air. 115V, AC motor is efficient . . . delivers 4000 CFM. Silent rubber-mounted propellers. Super-safe chromed guard contrasts with natural soft beige baked enamel finish. Easily portable—carrying handle. 5-year warranty.

118-SP20RE4250 Reversible—27½ lbs. $52.25*

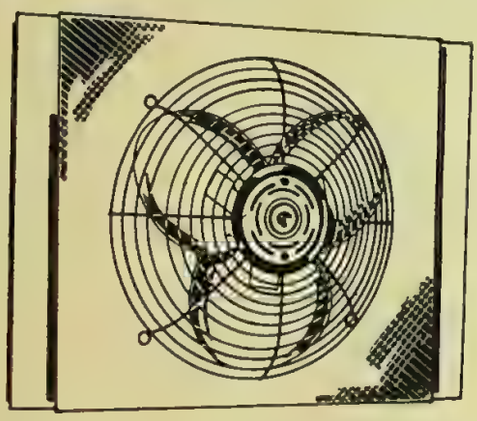
118-SP20E3750 Non-Reversing 3-Speed. 27 lbs. 37.25*

SPECIAL—TWO SPEED 20" FAN.

118-XC202E2990 Non-Reversing $29.95*

MOBILE FRAME—fits all 20" box fans. Adjusts from 20" to 40" high. Tilts to 180°. Shpg. wt. 6 lbs.

118-MECOE1600 Frame only. 12.50



FRIGID 3-SPEED 20" REVERSIBLE WINDOW FAN

With General Electric Motor

Quiet 1/12 HP G.E. motor delivers 4000 CFM. Speeds—1,000, 800, 600 RPM. 6-position rotary switch for High, Medium, Low exhaust or intake. Operates on 115V AC. 20" propellers rubber mounted—quiet. Finger-tight safety guard is chrome; body is Desert Tan enameled. Panels adjust to fit 26½ to 36" windows. Easy to install. With 8-ft. cord, plug. UL approved. 5 year warranty.

118-WP203RE6380 Ship. wt. 26 lbs. $45.80*

118-WP-203E5250 Non-Reversing 3-Speed. 26 lbs. 37.80*

FRIGID HEAVY DUTY INDUSTRIAL EXHAUST FAN

Fully Enclosed G.E. Motors

Bronze bearings, dynamically and statically balanced blades, welded steel frames. Simple installation. 110V. AC. 60 cycle. For horizontal or vertical installation.

Number	Size	HP	RPM	CFM	O.D.	lbs.	Price*
118-TE12E6900	12"	⅛	1725	1500	14½"	22	$65.00
118-TE14E7420	14"	⅛	1725	1600	16½"	25	70.00
118-TE16E7420	16"	⅛	1725	3000	19"	31	70.00
118-TE165E7960	16"	⅛	1100	2650	19"	29	75.00
118-TE18E7960	18"	¼	1725	3500	21"	31	75.00
118-TE20E8500	20"	¼	1725	4500	23"	35	80.00
118-TE24E11700	24"	⅓	1725	5500	27"	43	110.00
118-TE245E17000	24"	¼	1100	5000	27"	42	160.00

***Must be shipped REX or truck**

LEIGH RANGE HOODS

Versa-Duct Range Hood exhausts vertically, or out thru space-saving 3¼x10" back duct . . . takes much less space than old-fashioned 8" round ducts. Damper corrects to 1" for duct misalignment. Just attach damper to duct, install hood. Hood fits snug against damper flange, pliable sponge rubber gasket is air-tight.

9-bladed fan. 4-pole G.E. motor, scroll housing combine for 192 CFM air delivery when hood is back-vented; 150 CFM when vertically vented.

Easy-to-clean snap-out Clean-Flow filter of 2 inter-meshed expanded aluminum layers—traps grease, lets air flow thru. Front-mount controls for light, single-speed fan. Motor is quiet—no TV interference.

Complete, assembled—hood with duct-opening, pre-wired controls, 8" fan, 75W motor, filter, damper.

Coppertone Enameled Anodized Aluminum Hood

552-5524CTE4300 24" Wide. Wt. 13 lbs. $32.00

552-5530CTE4400 30" Wide. Wt. 14½ lbs. 33.11

552-5536CTE4550 36" Wide. Wt. 16½ lbs. 34.22

552-5542CTE4750 42" Wide. Wt. 18 lbs. 35.33

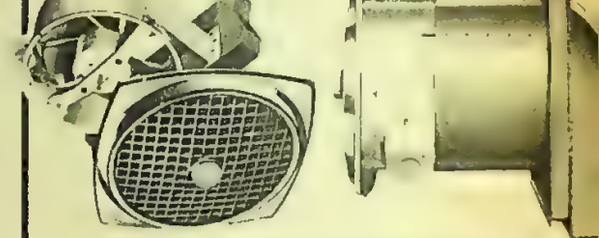
Brushed Chromium Finish Anodized Aluminum Hood

552-5524BE5750 24" Wide. Wt. 13 lbs. 43.11

552-5530BE5900 30" Wide. Wt. 14½ lbs. 44.22

552-5536BE6050 36" Wide. Wt. 16½ lbs. 45.33

552-5542BE6200 42" Wide. Wt. 18 lbs. 46.44



LEIGH VENTILATING FAN

Economical, efficient—**8" diam. fan** exhausts direct thru wall, out a weather-protected hood. Sleeve adjusts to walls 4¾" to 10⅛" thick. Automatic back draft damper seals out drafts, is sponge-rubber lined—quiet. **75 watt 4-pole motor** guaranteed 1 yr. Motor, fan assembly remove for cleaning. Easy access plug mounted at 45°. Needs no framing. UL CSA Certified 170 CFM—ventilates up to 210 sq. ft.

Number	Grille Diam.	Opening Diam.	Price
552-5518E2890	10⅝"	9"	$22.95
Ceiling Type. As above, without adjustable sleeve			
552-5508E2330	10⅝"	8¾"	19.95

LEIGH "WHISPERVENT"

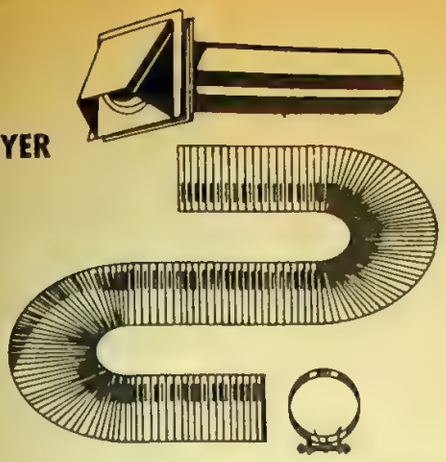
Quiet Fan Turns at slow 1000 rpm

At 1000 rpm, the Whispervent turns 41% slower than other vents, so it can't make noise. Vents 55 sq. ft. bathroom, 75 sq. ft. other areas by FHA standard. 9-bladed 8" fan in high-pressure scroll housing. Slim—only 3½" deep. Fits, installs as easy as light fixture. Needs 8¾" wall or ceiling opening. Certified 60 CFM. 40 watt motor. 115V AC.

552-5402E2820 Chrome finish $21.5

552-5401E2740 White Enamel finish 20.5

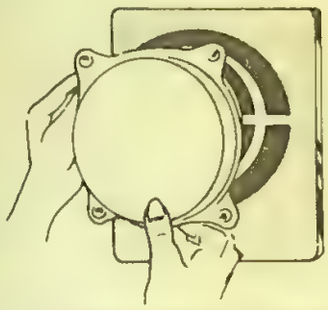
4-INCH FLEXIBLE CLOTHES DRYER VENT KIT



Eliminates Pipe Cutting and Fitting

Leigh clothes-dryer vent installation kits include the dryer vent and everything needed to connect it to the dryer outlet. New translucent Smooth-Flow Duct makes installation easy. Does away with sharp corners, eliminates pipe cutting and fitting. Improves operation, too. 4" Kit includes dryer vent, 8 ft. of 4⅛" flexible duct, two 4⅛" metal clamps.
552-529E1330 Complete Kit $9.50

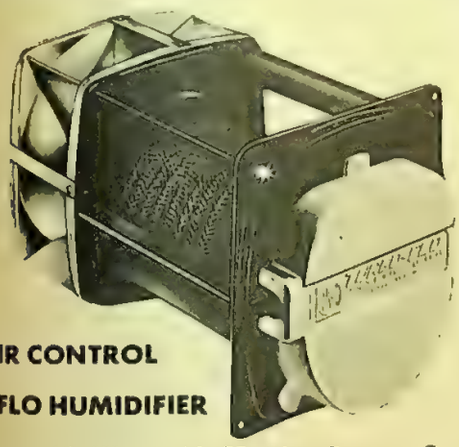
KITCHEN EXHAUST FAN COVER



Stops Chilly Drafts—Prevents Cold Air From Blowing Back Through The Vent Into Kitchen

No need to stuff vent to eliminate drafts. Porcelain White plastic cover has 4 strong magnets in corners, attaches magnetically to flanges of fan. Easily removed when you want to operate fan. To order proper size, measure diameter of fan's open grillwork. Style A, 10" diameter covers grill of 8" fan; Style B, 12" diameter covers grill of 10" fan.

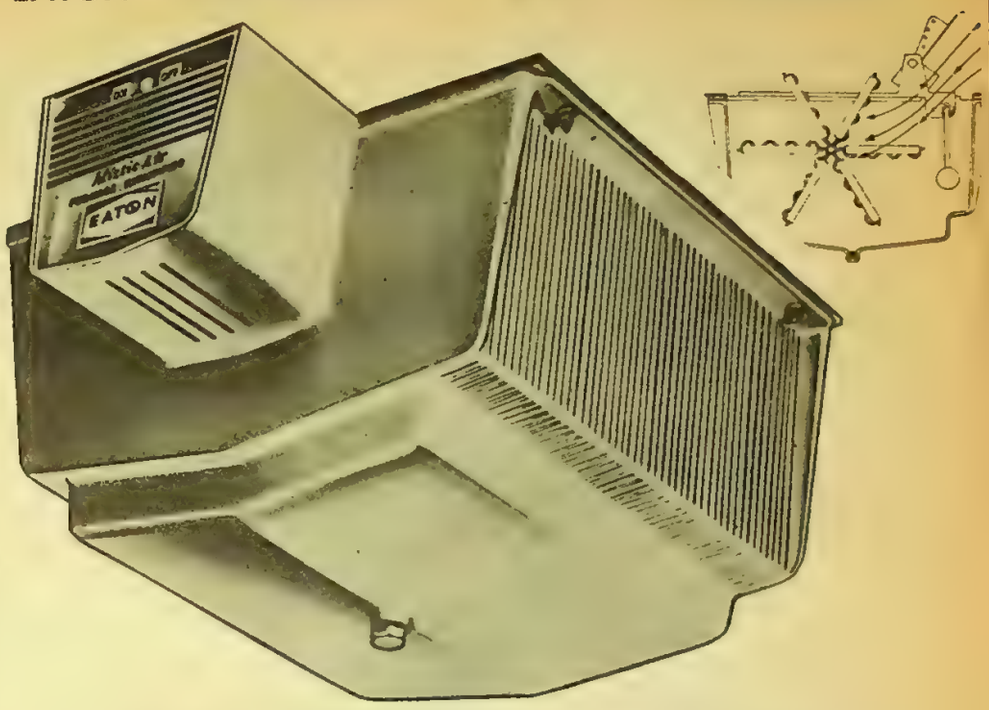
Catalog No.	Fan Size	Diam.	Price
567-FC8E270	8"	10"	$1.95
567-FC10E350	10"	12"	2.49



LEIGH AIR CONTROL TURBO-FLO HUMIDIFIER

For Homes with Warm Air Heating System. Quality-built by Leigh. Has no electric motor . . . needs no wiring, jet has capacity for a 2,000 sq. ft. house.
CONTROLS RELATIVE HUMIDITY. Adjustable float lets you maintain any desired water level in the reservoir—the higher the water level, the higher the humidity. Needs no humidistat.
INSTALLS IN RETURN AIR PLENUM OR DUCT. Ideal in situations where installation of a humidifier is impossible or difficult on warm air side, as in counterflow furnaces. Large evaporative area of rotating discs makes installation possible.
552-1000E3500 Only 5 lbs.....$24.50

EATON *Mistic-Air*® HUMIDIFIERS



HIGH CAPACITY FURNACE POWER HUMIDIFIER

For Homes with Warm Air Heating Systems. Delivers up to 20 gal. of moisture per day
EASY TO INSTALL. Unit mounts on warm air duct as it leaves your furnace. Complete with easy-to-follow instructions and attaching hardware.
EFFORTLESS UPKEEP. Motor, water and electrical connections permanently attached to warm air duct. Water reservoir, paddle wheel remove for washing. Corrosion-resistant and trouble-free.
FULLY AUTOMATIC. Duct-mounted humidistat for range of from zero to 20-gal. humidity output per day. Mounts in cold air return, immediately senses humidity level in air and adjusts itself.
942-81E11900 .....$89.95

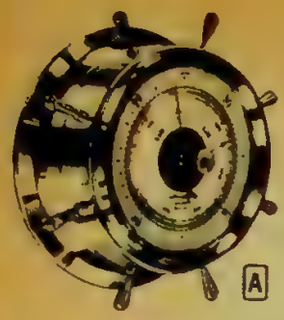
DELUXE CONSOLE MODEL

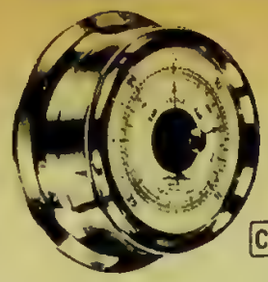
Blower efficiently moves large volume of air—no noisy fans. Slowly rotating drum *naturally* blends air, moisture, eliminating water noise. Baffle diffuses air eliminating cold drafts. Lifetime plastic pan can't rust, leak. Has large fill funnel, hose. Automatic 1-knob control — humidistat, shut-off. Water-level indicator. Removable baffle board. 24Hx18Wx15D. 6 gallon capacity—115 V. AC. Rich Walnut grain, trimmed in gold and black.
942-89E9800 .....$69.95

PLENUM FURNACE HUMIDIFIER

Low cost, high efficiency whole-house humidification, automatically! Just install in plenum or bonnet of furnace. It discharges up to 10 gal. per day. All mounting fixtures and tubing supplied. All parts remove for cleaning. Single-speed motor—just plug in. Noise-free water-lift belt . . . pulley shaft distributes water evenly. Snap-in polyurethane evaporation pad. Non-corrode fiberglas pan. Fan circulates hot, dry air for quiet evaporation.
942-39E6600 .....$49.95

AIRGUIDE MARINE INSTRUMENTS





MARINE BAROMETERS AND CLOCKS

(A) Aluminum dial barometer has black lithographed details on white background. Calibrated in inches and millibars. Compensated for temperature variations. Diam. 6" overall. 5" case.
800-213CE2620 Polished Chrome $18.50
800-213BE2620 Polished Brass 18.50

(B) Marine clock . . . companion to barometer. Dial scaled to 12 and 24 hours, also indicates 4-hour "watches". 8-day, 7-jewel movement. Aluminum dial. 6" diam. 5" case.
800-1213CE4700 Polished Chrome ...$33.50
800-1213BE4700 Polished Brass 33.50

(C) Marine barometer has plain dial without helm spokes around case. Aluminum dial with black details on white background. Compensated for temperature variations. 5" diameter.
800-214C2100 Polished Chrome $15.00
800-214BE2100 Polished Brass 15.00

(D) Marine clock to match above barometers. Dial is scaled to 12 and 24 hours. With red hour hand, black minute hand. Easy dial set knob underneath. 8-day, 7-jewel movement. 5" diameter.
800-1214CE4200 Polished Chrome $30.00
800-1214BE4200 Polished Brass 30.00

SEA SPEED SPEEDOMETER

Includes surface mounted, die cast, chrome plated case. 5-45 MPH, Free-Flo pitot, 18 feet tubing mounting accessories. Spring tension returns pitot to operating position after impact. 4" across flange, 3" Dial.
800-854E1460 45 MPH $10.95

NEW SEA SPEED MARINE TACHOMETERS by AIRGUIDE

Fit almost all current motors. Bright chrome cases, clear white on black dials with red accents. Factory-matched transmitters. Not for 4-cylinder, 4-cycle engines, or engines with 1 coil per cylinder. *Magneto ignition engines:* 2 cycle, 2 or 4 cylinders; 4 cycle, 4 or 8 cylinders. Another model for *12V Battery & Coil Ignition engines:* 2 cycle, 3, 4 or 6 cylinders; 4 cycle, 6, 8 cylinders.

FLUSH-MOUNT TACH

For factory-installation look. 3" diam. dial, 4" diam. case. Needs 2¾" hole. 90° sweep. 0-7000 rpm. Includes a transmitter, all parts, instructions.
800-664AE4100 Magneto Ignition $29.50
800-665AE4100 Battery & Coil Ignition..... 29.50

SURFACE MOUNT TACH

Easy to install — needs no hole cut. 3" diam. dial, 4" diam. case, 1¾" deep. 90° sweep. 0-7000 rpm. With transmitter, all parts and instructions.
For Magneto Ignitions
800-664BE4100 .....$29.50
For Battery & Coil Ignitions
800-665BE4100 .....29.50

MATCHING COMPASS

Attractive, illuminated compass for dashboard mounting. A perfect match for Sea Speed instruments. Ideal for runabouts, or as repeater in cabin cruisers. Case is 4" in diam., requires a 2¾" hole to recess compass mechanism.
800-76E1330 .....$9.95

ENGINE POWER METER

Tells at a glance the operating condition o your engine. For all 4-cycle gasoline engines Operates from manifold vacuum. Indicates th proper operating zones for getting the greates fuel economy, too . . . high speed cruise an red zone for short period acceleration. Indi cates inches of vacuum and per cent of powe being used. A valuable meter for use in tune ups, too. Versatile mounting plate with 360 rotation. Rich finished in bright chrome, cas is 3¼" diam. With all necessary accessories
800-610E2240 .....$15.9

Rugged, Dependable Compasses for Boats of All Sizes

MARINE COMPASS

Illuminated, with jeweled pivot and powerful Alnico V magnets. Air-craft type compensators. Removes from bracket with ease for safe-keeping. Direct-reading dome dial. Black crackle finish case, 3⅜" diam., 4⅝" high.
800-88BE2000 .....$15.00

"COLUMBIA" COMPASS

Jeweled movement. Pivots are osmium tipped. Built-in compensators. Die cast case, 7½" high, 6" wide across bracket, black enameled. Plastic sunshade. Conical dial for extra-wide visibility. Rheostat illuminated. Cover.
800-94BE5870 .....$42.50

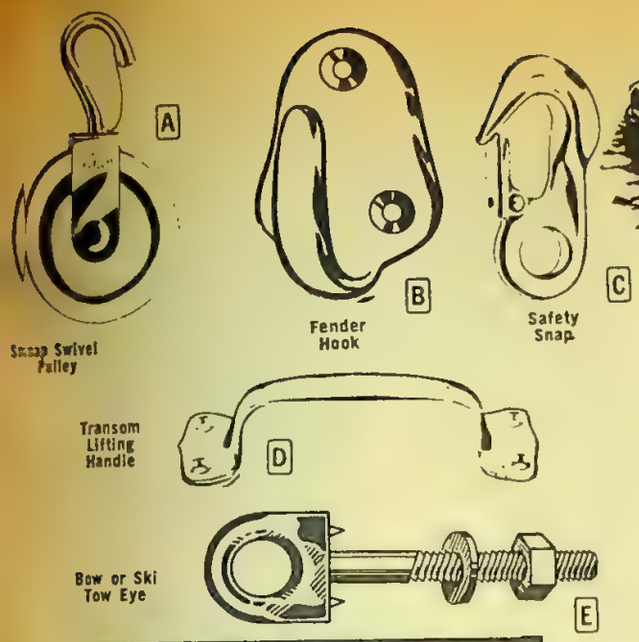
NAUTILUS COMPASS

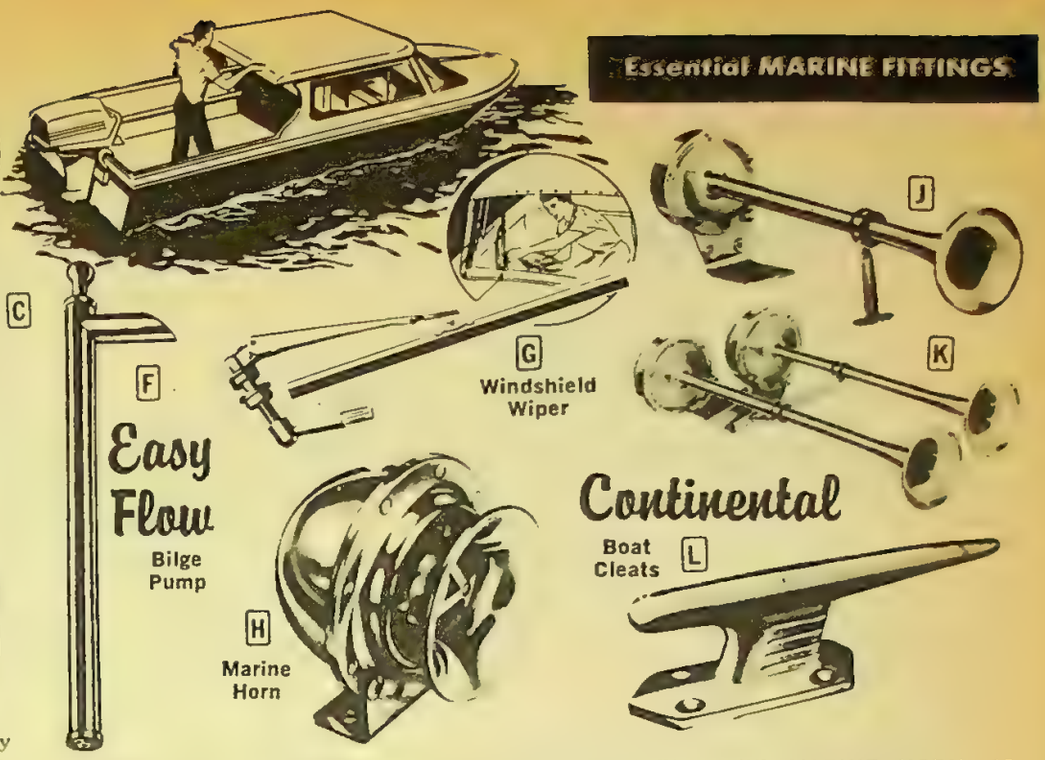
Movable hood with black satin interior centers attention on indicating segment of dial. Hood may be rotated to any position. 4½" high; 4⅜" base diameter. Beautifully chromed die-cast case. Illuminated.
800-90E3000 ..... $22.50

DIAL TYPE SYNCHRONISM INDICATOR

Indicates the faster engine for those who pre fer a dial type indicator. Needle to left fo port engine, to the right for starboard engine For inboard, outboard, and inboard-outdriv motors of magneto or battery and coil sys tems. 6, 12, 24, and 32 volt, negative groun systems only. 3" illuminated dial. Versatil chrome plated case. 16-ft. shielded cables.
800-614E5950 .....$42.5

OUR COMPLETE STOCKS ASSURE QUICK, DEPENDABLE DELIVERY.





Gleaming MARINE HARDWARE

(AA) SNAP SWIVEL PULLEY. Stainless steel. Heavy duty giant size with nylon sheave that takes lines to ⅞" diam. 22" nylon sheave.
802-2653E260 ..... $1.75

(BB) FENDER HOOK. Durable die-cast hook, beautifully chrome plated. Ideal for hanging boat bumpers and fastening boat covers. Plate size, 1¼" x 1¾". Takes ropes, lines to ¾" diam. Sold in pairs only.
802-1088E230 Pair $1.68

(CC) HEAVY DUTY SAFETY SNAP. Heavy duty, navy-finish all-purpose snap is ideal small boat mooring hook, or a safety winch cable snap for larger boats. Eye opening: ⅝". Hook inside diameter: 1".
802-1311E200 $1.40

(DD) LIFTING HANDLE. For transom or outboard. Chrome die cast all-purpose handle angled for sure grip. Has smooth rounded edges for comfortable grip. Size: 5¾" long, 1½" wide, 1⅝" high. Handle opening: 1⅛" x 3⅝".
802-1056E270 ..... $1.80

(EE) BOW OR SKI TOW EYE. High quality, strength, and ruggedness are combined with modern styling to make this necessary fixture a handsome addition to any boat. Cold rolled stud, heavily chrome plated. With 1" eye opening. Size: 5" long, with ⅜" thread diameter.
802-65095E300 ..... $2.15

(F) METAL EASY-FLOW BILGE PUMP. Disposes of 10 gal. per minute easily. Beautifully finished for durability with cadmium plated steel parts, hardwood handle, 24" long, 1½" diam., 4" spout.
802-1457E780 ..... $5.95

(G) WINDSHIELD WIPER. A twist of the wrist and your windshield is clear . . . manual, nothing to get out of order. Adjustable tension spring. Stainless steel arm. 12" long.
802-1704E990 ..... $7.98
Electric—12 volt. 11" long.
802-3073E3000 .. $22.64

(H) MARINE HORN. 12-volt loud tone horn is clearly audible for miles. Motor parts totally, permanently sealed against moisture. Brilliantly chromed brass. 4¾" high, 3½" wide. Base bracket: 1½"x3½".
802-3178E2240 .. $15.95

(J) SINGLE DEEP TONE HORN. 12-volt. Emits a powerful warning signal. Meets U.S.C.G. regulations. Chrome on brass, stainless diaphragm, chromed steel bracket, 16" long.
802-3072E3320 .. $24.95
MEDIUM TONE. 13¾" long.
802-3071E2740 ..... $20.64

(K) DUAL TRUMPET HORN. 12-volt, with motor fully sealed. Powerful matched pair on single stainless bracket. Stainless steel diaphragms. Chromed brass. 16" long. 7" wide overall, 4¾" high.
802-3070E5320 .. $38.95

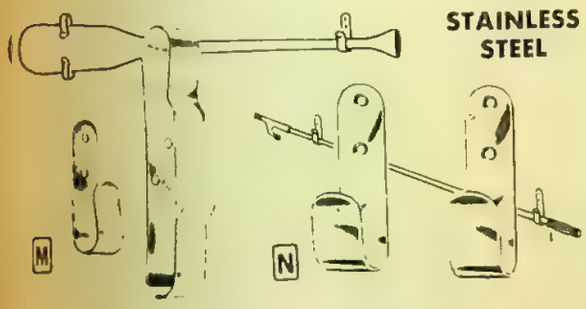
(L) Continental Cleats. Sweeping modern lines for beauty. Double nickle plated with a thick layer of gleaming chrome. Provides greater safety and resists wear.
7" long
802-65089E440 ... $3.16
5½" long
802-65002E340 .. $2.58
3¾" long
802-65004E250 .... 1.75

(P) WATER SKI CHAMPION BRIDLE

New giant 2" "T" pulley for easily attaching ski ropes. Loop the end of ski rope through hole and pulley and over "T" section and skier is ready to go. With 5½-ft. ¼" poly rope.
802-2393E380 3½ ozs. $2.75

(R) SKI TOW LINE

The tow line every skier needs. More flotation, less snarl with this superb polyethylene line. No braid separation . . . will not mildew or rot. Comes complete with beautifully finished hardwood handle and 75-feet of line.
802-3109E480 75-feet $3.80



BOAT HOOK HOLDERS

(M) PADDLE HOLDER SET. The must supplement to every paddle . . . a heavy-duty, polished stainless steel holder set. Specially designed to hold paddle securely, regardless of sea conditions. Eliminates rattling and keeps paddle handy in an emergency. Fits all standard paddles. Spoon bracket inside dimensions: 6⅝". Handle bracket opening 1".
802-2608E420 ....Set $2.95

(N) BOAT HOOK ROD HOLDER. An essential addition to any boat, large or small. Firmly holds boat hook, oars or canoe paddles in advantageous place for easy accessibility when you want them. Has endless other uses, as well. Beautiful polished stainless steel for resistance to weather. 3¾" long, 1" opening.
802-1212E240 Set $1.75

ROPE FOR MARINE—BOATING, FISHING—OR INDUSTRIAL USE

MANILA ROPE

High tensile strength. Rot and mildew-resistant making it a boat owners favorite.

Number	Size	Tensile Strength	Price per 100-ft.
543-M38E700	⅜"	1350 lbs.	$ 5.50
543-M12E1200	½"	2650 lbs.	10.00

TWISTED NYLON ROPE

Stronger, but lighter in weight than Manila.

543-N14E700	¼"	1100 lbs.	6.50
543-N38E1800	⅜"	3400 lbs.	15.00
543-N12E3000	½"	6200 lbs.	25.00

POLYPROPYLENE ROPE

Strong, lightweight . . . it floats! Can be stored wet or dry. Resists most acids or alkalis.

543-P38E1400	⅜"	2750 lbs.	12.50
543-P12E1900	½"	5000 lbs.	16.50

Strong, flexible, minimum stretch lines made of the highest quality materials. Finest workmanship goes into making all types. Minimum order 100 feet . . . may be purchased in any length.

SWIFT PRECISION RIFLE SCOPES

"YUKON" 2½-8X32 ZOOMPOWER SCOPE

Versatile 2½ to 8X Zoompower is ideal for use in wooded terrain, on the open range or for target shooting. 10 lens optical system...infinite variation. Field: 13.2 to 32.5.
801-851E6200 With Cross-hair Reticle.....$38.00

"STAG" 4X32 MEDIUM POWER SCOPE

Has a good, wide range with a field of view of 28.5 at 100 yds. Fine general purpose scope that is good in wooded areas or in open country. Medium power 4x32 magnification. With cross-hair reticle.
801-830E3960 .....$24.50

"BIG HORN" 6X32 HIGH POWER SCOPE

Rugged 6X beauty demanded by open-range hunters for its high power, brillance and razor-sharp resolution. Field 18.5 ft. at 100 yds. With cross-hair reticle.
801-850E4100 .....$25.00

"GRIZZLY" 2½X32 MODEL SCOPE

Provides accuracy in brush hunting with its specially wide field of view (32 ft. at 100 yds.) and tremendous brilliance so you can get on-target instantly. Precision optics with cross-hair reticle.
801-849E3900 .....$24.00

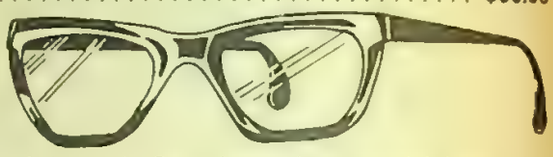
ZOOM

PRISM BINOCULARS

ZOOMS FROM 7X TO 12X POWER . . . 30MM. Fully automatic, too. A new scientific application makes possible this simple, quick lever action to power zoom from 7X to 12X. Center focus. Provides 6 powers for variable magnification that is like having 6 binoculars in one! Amber coated achromatic objectives, one piece body construction. Comes complete with handsome leather carrying case. Gift boxed.
818-252E7500 ..... $66.50

ASTROMATIC SUNGLASSES

Changes Color According to The Sunlight!

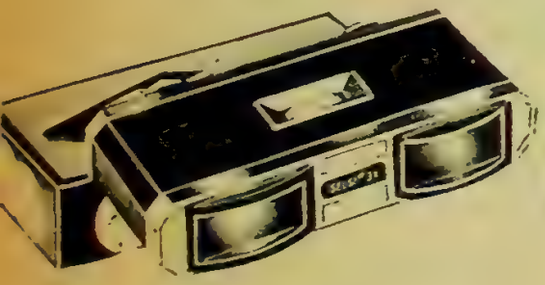


Amazing new Astromatic Sun glasses have special lenses that change color according to the sunlight! Makes them equally good for bright sunlight, semi-haze or night driving. Men's deep curve Pan-A-Ram all-plastic frame. Each pair comes with guarantee, and in practical styrene travel case.
805-10E460 .....$3.90

PREVENT HAZE ON YOUR GLASSES!

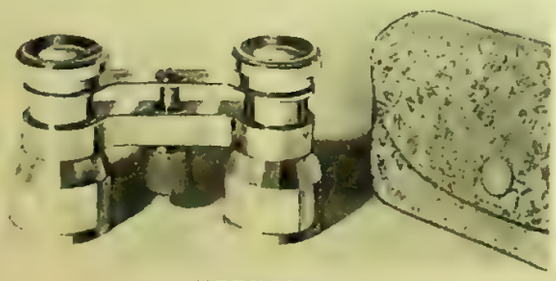
Invisible Cleaner for eyeglasses, sunglasses, ski-goggles — plastic and glass lenses. A drop protects optical lenses from dirt and fingermarks all day, repels dust and lint, prevents haze or fogging. Use on all lenses, diving masks, safety goggles, magnifiers, cameras, binoculars and projectors.
666-NHE140 .....$1.00

SPECIAL BINOCULARS FOR SPECIAL PURPOSES



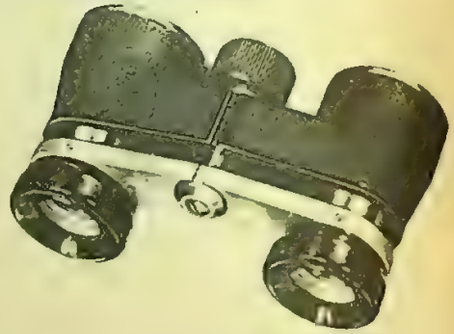
COMPACT OPERA GLASSES

Attractive, smartly designed non-folding flat glasses with rectangular lenses that will add immeasurably to your enjoyment of the theater, opera, concerts, etc. Power is 3X. Dainty 4¾"x2¼"x⅞" . . . fits purse, pocket. Black/gold gift box.
807-204E280 .....$2.50



"PRINCESS" 2.5X28 THEATER GLASSES

The classic design theater glass exquisitely made with barrels richly encased in hand-fitted Oriental mother - of - pearl. Heavily chrome-plated trim. Center focus for precise viewing of the performers at clear, brilliant range. Field of 750 feet. Comes complete with an elegant hand-sewn silk brocade case. Small . . . easily carried.
801-726E2220 .....$18.00



3X26 STADIUM GLASSES

Tremendous brilliance and enormous field make it possible for these glasses to stop and track fast-moving objects Strongly built and beautifully finished in chrome and leatherette . . . an outstanding binocular at this price. Has 737 ft. field of view. Comes complete with a genuine pigskin carrying case. Gift boxed.
801-769E2080 .....$16.95

USE OUR MILLION DOLLAR INVENTORY FOR ALL YOUR TOOL NEEDS.

SWIFT®

OPTICAL BINOCULARS

SWIFT "TRITON" BINOCULAR

The most popular 7x35 general-purpose binocular with high power, deep field of view and rugged construction to take along everywhere. Great for everything from bird watching to spectator sports viewing. Center focus 7x.35 power binocular with extremely rugged monobloc construction. Field of view 376 ft. Relative light efficiency 37.5. Light weight design . . . only 22 ozs. for easy carrying. Complete with carrying case.

801-748E6450 7x35 ..... $57.75

SWIFT ZOOM BINOCULAR. Ultra-high speed zoom from 7X to 12X with a quick touch of the thumb lever power adjustment. Effortless . . . lets you zoom in for detail, capture all the action. Field of up to 393 ft. at 7X. Requires a steady base at full magnification. Optically, mechanically, an outstanding value. Retractable eye cups, right eye adjustment. Relative light 54 at 7X. Ultra-hard blue-coated air-to-glass surfaces. Boxed.

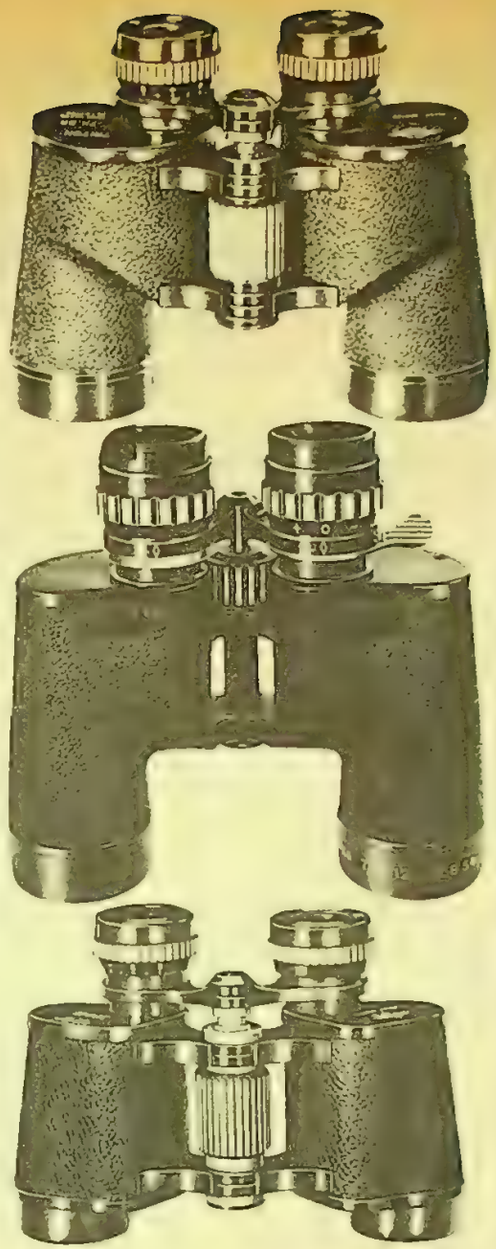
801-847E12000 ..... $108.00

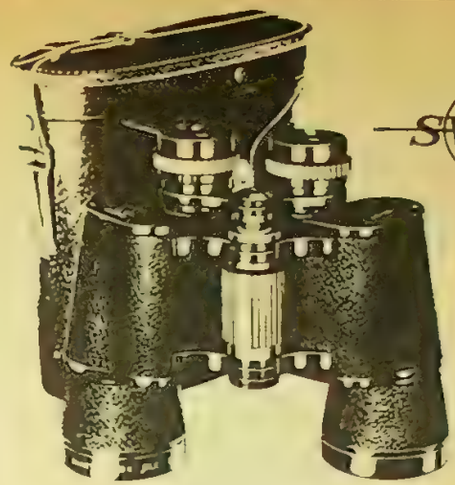
SWIFT GRAND PRIX. 8x30 Center-focus binocular provides just the right extra power needed for hunting, target-spotting, etc. Compact binocular with relative light efficiency of 21.1 Field of 393 ft.

801-716E6040 ..... $52.95

SWIFT TOURIST. (Not shown). Lower priced 7X 35 with all of Swift's famous features. Excellent general-purpose instrument with relative light efficiency of 37.5, Field 367 ft.

801-813E6100 ..... $54.50





PRECISION OPTICAL BINOCULARS

Binoculars in this group are designed to time proven, precision optical formulas. Optical elements are of finest, centerpot crown glass, prisms are bronze-clamped. Seams are neoprene gasketed to seal out dust or moisture. Retractable eye cups, tripod adapters are built-in. Complete with plush-lined, durable pigskin case.

American Pattern Seamless monobloc aluminum casting—extremely strong and durable.

Zeiss Pattern Two separate aluminum castings, a body and a barrel, threaded and tightly screwed together.

SKIPPER 7x50 CENTER FOCUS Tremendously brilliant for dawn to dusk viewing even in haze. True night glass. American pattern. RLE 76.4, field 376 ft.

801-789E8100 ..... $72.50

NIGHT HAWK 7x50 INDIVIDUAL FOCUS. Zeiss pattern, RLE 76.4, field 376 ft.

801-787E6700 ..... $58.50

RAINIER 10x50 CENTER FOCUS. Zeiss pattern. More power for long range detail, from craters on the moon to target spotting on the rifle range. RLE 37.5, field 279 ft.

801-765E7500 ..... $68.00

BINOLUX CENTER FOCUS 7X35 PRISM BINOCULARS

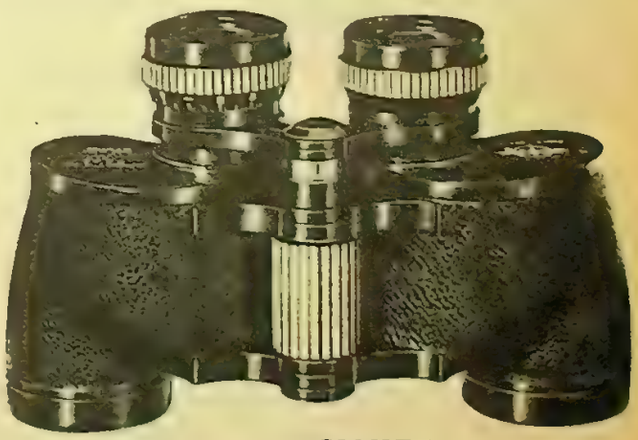
Considered the best all-around glass for their ability to put you right on the subject every time. With their fine optical and mechanical performance they put you in the action whether it be watching birds in flight or tracking a football in motion. Field of view 341-ft. at 1000 yards. Leather carrying case.

806-3022E2800 ..... $24.95

BINOLUX CENTER FOCUS 7X50 PRISM BINOCULARS

The ultimate in quality optics for clear, brilliant viewing even at night. The finest, and mighty popular with the yachting set. Extraordinary clarity for their size. Center focus 7x50 glass with field of view of 372 feet at 1000 yds. Comes complete with handsome leather carrying case. Gift boxed.

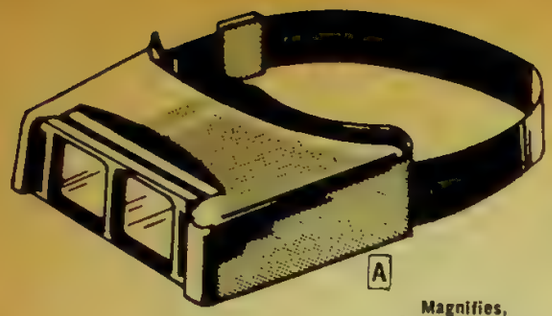
806-3052E3200 ..... $30.95



SWIFT SPORT KING 7 x 35 CENTER FOCUS

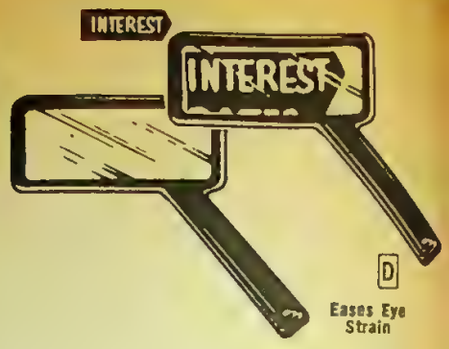
Wide angle binocular in a compact glass. Gives you the widest practical field of view (578 ft.) because its field equals the angular field (11°) of the normal human eye. 5 lens ocular system for brilliant clarity. Relative light efficiency 37.5. Lightweight.

801-704E9100 ..... $82.50

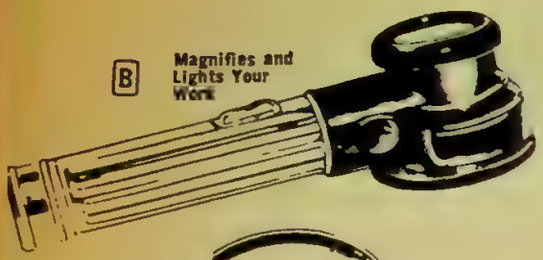


A Magnifies, In 3 Dimensions

C 2½ power Encased magnifier



D Eases Eye Strain



B Magnifies and Lights Your Work

(A) MAGNA-SIGHTER 3-D BINOCULAR

Precision optical instrument lets anyone see to do close work clearly with hands free!...and in 3 dimension. Magnifies 2½ times. Fits any head size. No moving parts to replace.
939-5E1420 ..... $9.95

(B) ILLUMINATED MAGNIFIER

Power 7X30mm coated optical lens is mounted in special black plastic housing with removable textile plate graduated in inches & mm. Chromed handle. Battery not included.
807-407E500 ..... $3.95

(C) POCKET-SIZED MAGNIFIER

Fits in pocket or purse, or desk drawer . . . always handy when fine work or close work requires a sharper look. Celluloid rim around 1¾" diam. lens. Folds into brown leather case. 11.00D focus.
807-425E120 ..... $1.0

(D) OFFSET MAGNIFIER READER

Large 4x2" size rectangular reader has double convex optically ground and polished lens. Set in black plastic one-piece frame with offset handle. Focus 4.00D.
801-575E390 ..... $3.0

ROUND READING GLASS

Best quality reading glasses with optically ground, polished lenses. 3" diameter. Brass rim and ferrule finished in chrome plate. 5.50D focus.
807-311E320 ..... $2.70

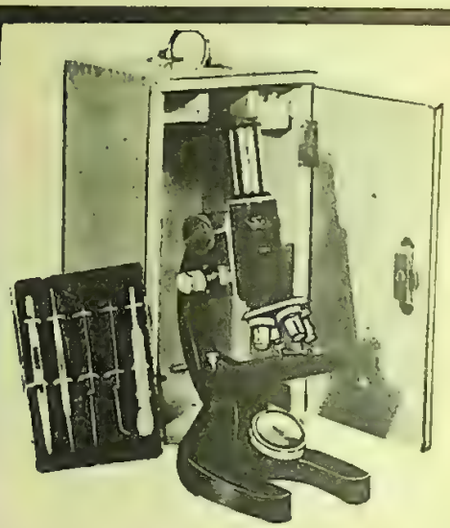
SINGLE LOUPE

Single 1" diameter precision lens set in black plastic 1-piece frame. 3" focal length.
807-440E110 ..... $1.00

SWISS SPORT and STOP WATCH

6 DIALS
5 HANDS
2 PUSHBUTTONS

Combination Stop-watch . . . Telemeter . . . Tachometer. Precision engineered. Handsome, multi-purpose watch for sportsmen, athletes businessmen . . . anyone who checks distances, speed, recording time, races, output. Imported Swiss movement, all parts GUARANTEED 1 full year. Gold on top, stainless back, shock resistant, genuine leather strap, radium hands, precision movement. Includes 45-minute and 6-hour registers. Great gift.
869-520E1780 ..... $14.95

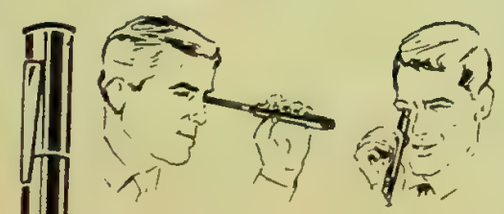


STUDENT MICROSCOPE

900X Fine Quality Microscope with 25X-900X Power Range Fine Focus Knob, Stop

Monocular type microscope with 15X eyepiece and powers of 75X, 150X, 600X, 900X through turret with 3 objective lenses . . . all achromatic. Automatic stops prevent damage to slides. With fine focus adjustment. Built-in condenser lens has 5-hole rotating diaphragm. Plane and concave mirror. Comes complete with hardwood storage cabinet and 5-piece dissecting kit.
807-296E7000 ..... $49.00

Ingenious prism glasses specially designed for reading in bed or while reclining in a chair, or for watching TV while relaxing. Optically correct Bedspecs can be worn over regular glasses. Easily adjustable Demi-Blond frames. Case, gift box. Wt. 5 ozs.
801-791E1990 ..... $14.95



SUPER-VISION SPY-SCOPE

Spots objects blocks away! Scarcely bigger than a fountain pen, this precision scientific instrument fits neatly in a pocket . . . indispensable for hikers, campers, young sleuths, or just for keeping your eye on things! Simple adjustment provides big 6-power magnification for long distance viewing. *Converts instantly into a microscope* (30-power) for close-up magnifying. 5¾" long.
807-293E360 ..... $3.50

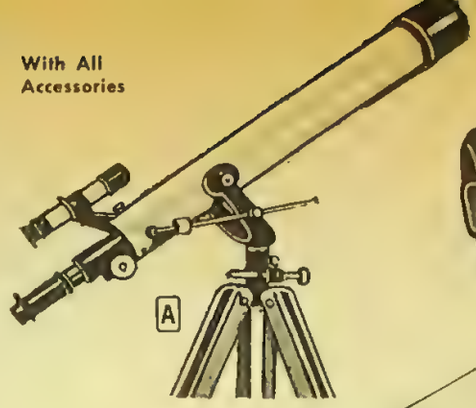
100X - 200X - 300X MICROSCOPE

Powers of 100X 200X, 300X

Precision built microscope for student or hobbyist. Has powers of 100X, 200X and 300X. With turret holding 3 objective lenses. Rugged all-metal construction with black finish. Has rack and pinion focusing Inclines to 90° angle. Comes complete with 3 slides for viewing specimens. Value priced. Quality made.
807-275E960 ..... $7.20

(A) SELSI 234X TELESCOPE

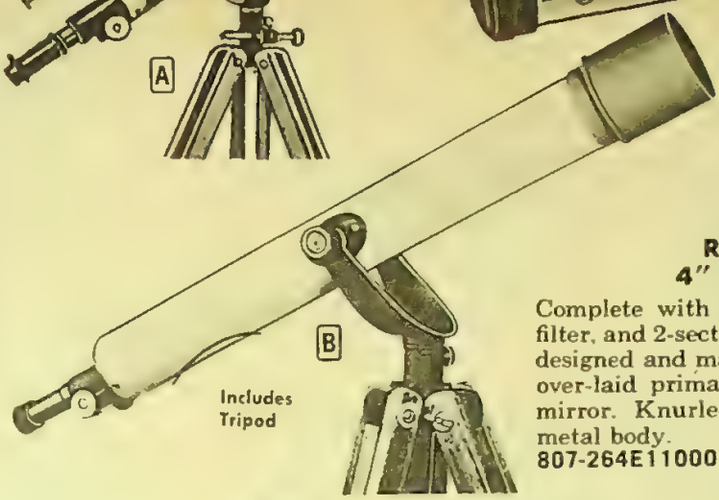
Astronomical telescope is quality made throughout, with 60mm (2.4") coated achromatic objective lens. Has a special forked mounting with slow controls. 5x24mm view finder. 2-section wood tripod has chain rack & pinion focusing. With 2 eyepieces: 35X & 117X; 2X Barlow lens; diagonal prism and one sunglass. Wood case.
807-254E9000 .....$72.00



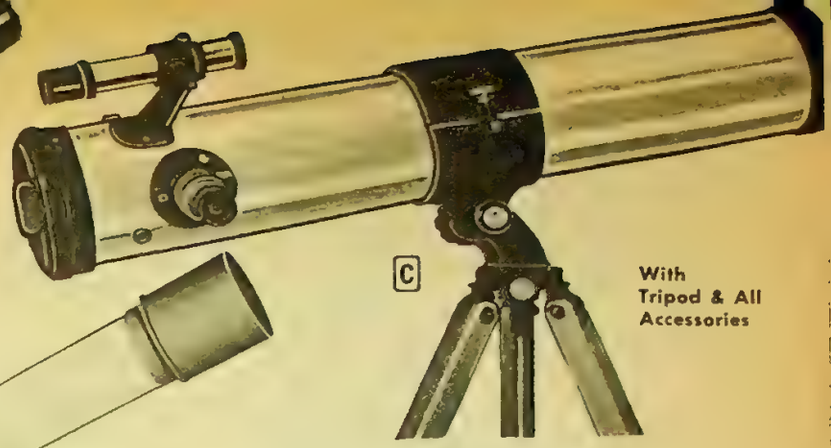
With All Accessories

(B) SELSI 60X TELESCOPE

Economical, good quality astronomical telescope. Vari-power 15-60X eyepiece. Coated achromatic lens 60mm diam. Rack and pinion focusing. 3-sectional wood and metal tripod revolves 360°, tilts 45°. Telescope white enameled, red trimmed. In cardboard carrying case.
807-273E4000 .....$31.00



Includes Tripod

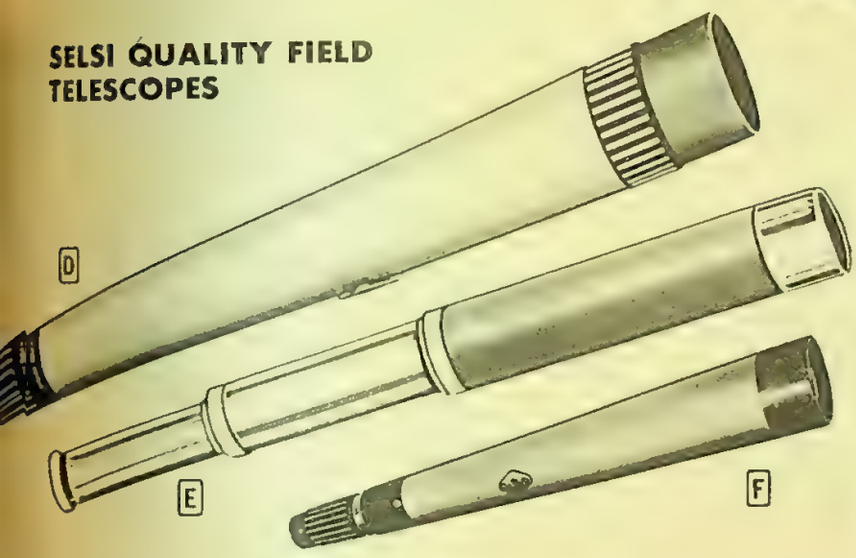


With Tripod & All Accessories

REFLECTOR TELESCOPE . . .
4" MIRROR 5X24mm FINDER

Complete with one 4mm and one 20mm eyepiece, 1 sun filter, and 2-section tripod of wood with chain. Professionally designed and made reflector with an aluminized and quartz over-laid primary mirror and extremely bright secondary mirror. Knurled mount Micro-focusing. White enameled metal body.
807-264E11000 .....$84.00

SELSI QUALITY FIELD TELESCOPES

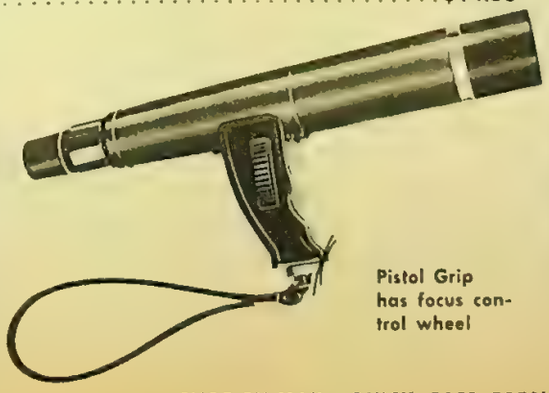


(D) SELSI 30X FIELD TELESCOPE. Quality instrument featuring 30mm diameter achromatic coated lens. Internal focusing. With a threaded hole for attaching to a tripod (not included). Great for general field purposes.
807-255AE1300 .....$10.00

(E) SELSI COMPACT 25X FIELD TELESCOPE. Popular model with two-draw tubes to open up to 14½" long. When closed, it measures a compact 5". Finest coated achromatic lens. Full 25 Power. Attractive wrinkle finish. Complete with handsome leather carrying case.
807-270E880 .....$6.60

(F) 10-25X SELSI ZOOM FIELD TELESCOPE. Just turn the knurled knob to zoom in close on events and action. Power ranges from 10 to 25X. With good quality 30mm coated achromatic lens. Attractive gray finish. 12" long closed. Threaded hole takes a tripod.
807-278E1900 .....$14.50

6-18X30mm ZOOM TELESCOPE. With pistol grip built-in for firm, steady control. Zooms from 6X to 18X with a twist of the ocular cell. Center-pot crown glass optics. Can be tripod-mounted. 11⅞".
801-707E3500 ...$28.50



Pistol Grip has focus control wheel

WORLD'S MOST ADVANCED ZOOM-TELEPHOTO SPOTTING SCOPE

SWIFT TELEMASTER 16-60X SCOPE

- **Fingertip Control Zooms from 15X to 60X**
- **Adaptable for Telephotography**
- **Hard-coated 14-lens Optical System**

Truly outstanding scope that lets you zoom in for intimate closeups without disturbing wild life, or spot game for hunting, check distant ships and aircraft, even see moon craters and Saturn's famous rings. So powerful . . . and versatile, too. Screw on an adapter (not included) and you have the equivalent of 1000mm to 4000mm lens for telephotography that projects direct to film to eliminate vignetting. Specialized glass in 14-lens optical system, fully hardened. With built-in sliding sunshade, table-top tripod with altazimuth head. Length 7.6".
801-841E20000 .....$165.50

FAMOUS NAME PRECISION WEATHER INSTRUMENTS

(A) SWIFT "MERRYWEATHER" COMBINATION. Beautifully modern three-piece wall instrument fashioned with warm wood tones and gleaming metal accents. Includes precision barometer, thermometer and hygrometer with easy-read dials. 19" high, 8" base.

401-435CE3900 Honey-tone finish. **$29.95**
401-435ME3900 Mahogany finish. **29.95**

(B) SWIFT "LANSDOWNE". Lovely 22' tall combination. Instruments as Sussex but smaller.

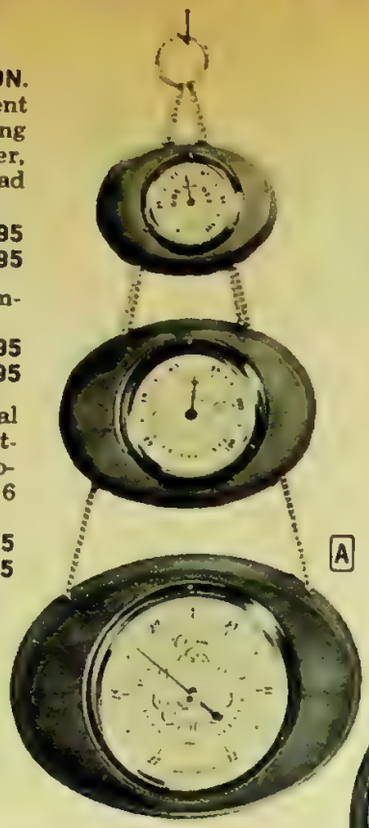
801-432ME3900 Mahogany finish. **$29.95**
801-432CE3900 Honey-tone finish. **29.95**

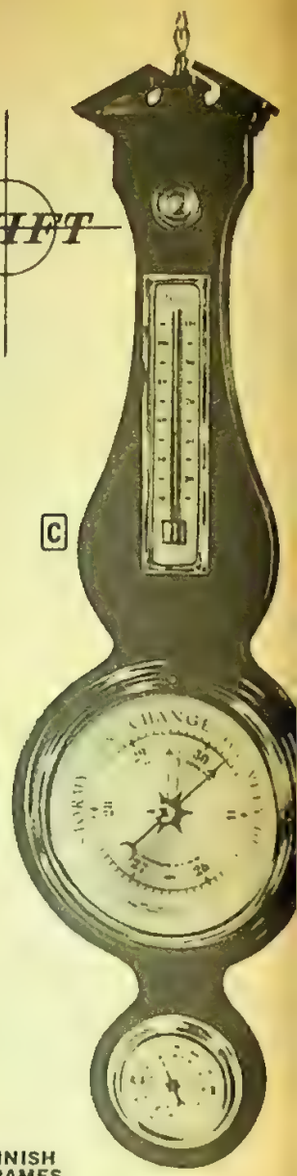
(C) SWIFT "SUSSEX". Magnificent . . . traditional unit. Has geared, compensated English barometer, accurate tube thermometer and 3" coil hygrometer. Polished brass trim. 32" tall overall. Wt. 6 lbs.

801-456ME6600 Mahogany finish **$49.95**
801-456CE6600 Honey-tone finish **49.95**

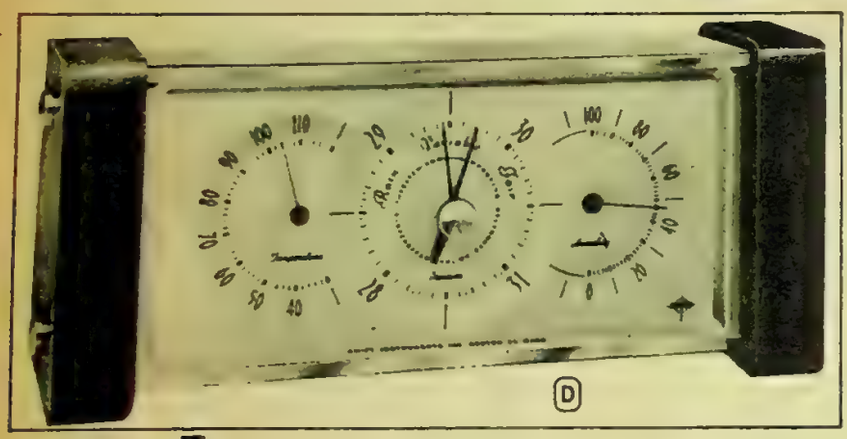
(D) SWIFT "SIERRA" COMBINATION INSTRUMENT. Decoratively styled instrument in richly accented fruitwood case. Includes sensitive, accurate Swift barometer, coil humidity indicator and thermometer. Easy-to-read dials. Heavy non-breakable crystal. 10¼" x 4½" x 2⅜" size.

801-420E2590 Shipping weight 2 lbs. **$19.95**





GLEAMING FINISH
ALL WOOD FRAMES
HAND RUBBED
AND COATED



"CAPTAIN" WALL BAROMETER. 6 brass spokes set in case to resemble a ship's wheel. Easel back for standing on desk. Open center real vitreous enamel dial exposes movemnt. 3¼" dial. Wood frame hand rubbed to a gleaming finish.

807-811E970 .....**$9.95**

SELSI WALL BAROMETER. Attractive unit, precise instrument. Open center real vitreous enamel dial printed in black and red with exposed polished movement. Wood frame hand rubbed to a gleaming finish. 5¼" diameter.

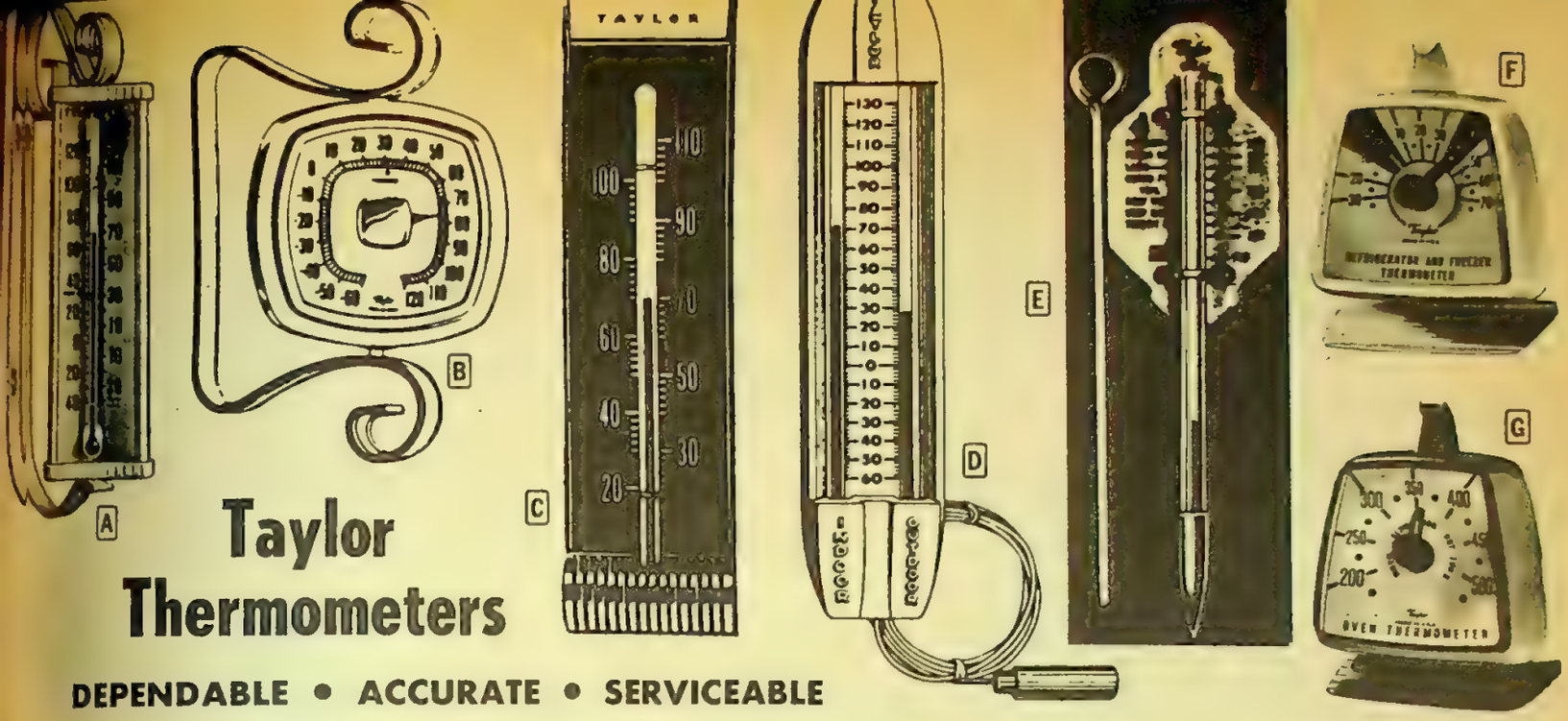
807-810S830 .....**$7.95**

SWIFT "WEATHERMAN" WALL BAROMETER. Super-sensitive movement. Stunning polished brass case, engine-turned aluminum dial. 5¼" diam., 7" high with hanging ring. A lovely addition to any room. Ship. wt. 2 lbs.

801-497E1480 .....**$11.95**

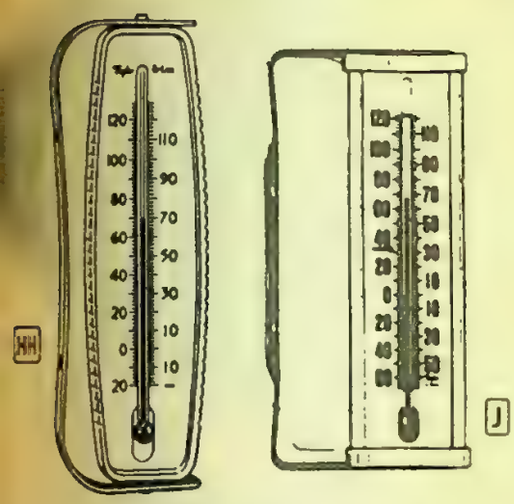
SWIFT "ANCHOR" WALL BAROMETER. Authentic replica of Yankee Clipper anchor. Houses geared and compensated sensitive English barometer. Engine-turned spun aluminum dial. 6¼" high, 4¾" wide. Desk easel back.

801-493E1380 2 lbs. .**$10.00**



Taylor Thermometers

DEPENDABLE • ACCURATE • SERVICEABLE



A Deluxe TEMPRITE® Window Thermometer

A decorative and useful gift. Tells how to dress for outdoor comfort. Decorator white aluminum scale, backlighted for easy reading.
937-5314E440 .....$3.25

B Deluxe Thermometer

White aluminum bracket simulates wrought iron. 4" white plastic case, gold trim. Translucent dial.
937-5345E400 .....$2.98

C Indoor Wall Thermometer

Attractive blue-gray lacquer finish on wood back with chrome guard. Six inches high.
937-5163E270 .....$1.98

D Indoor-Outdoor Thermometer

Read outdoor temperature at night or when windows are frosted. 9x2 in. shell-white plastic case, black scale. 5 ft. tubing connects to outdoor temperature bulb.
937-5336E800 .....$5.95

E Meat Thermometer

Vitreous enamel scale, metal armored bulb, 6¾ in. long. Non-toxic filling. Skewer provided.
937-5936E300 .....$2.29

F Freezer-Refrigerator Dial Thermometer

Metal case, yellow enamel finish; 2½ in. over all. Hangs or stands. Range minus 30° to plus 70° F. Cold zones marked.
937-5923E300 .....$2.29

G Dial Oven Thermometer

Metal case, brown enamel finish. Hangs or stands as desired. Range 200° to 500° F., in 25° divisions.
937-5931E300 .....$2.29

H Hi-Lite Window Thermometer

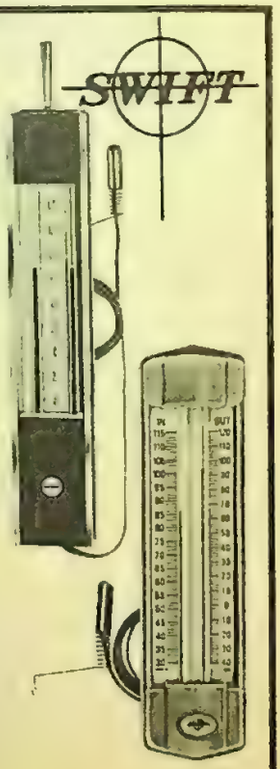
White translucent plastic, 7⅜" long with adjustable aluminum bracket. Easy to read, large numerals.
937-5301E140 .....$1.00

J Temprite Thermometer

8½ in. all white; enameled aluminum scale, with plastic caps. Back-lighted tube. Reversible bracket, offset for easiest viewing.
937-5316E270 .....$1.98

DELUXE INDOOR-OUTDOOR THERMOMETER. Laboratory quality, extremely accurate pair of spirit thermometers mounted on rich hand-rubbed mahogany block, trimmed with golden metal. 12¾"x2"x 11", 12 ozs.
8801-409E1320 $9.95
As Above, but black blocks and silver metal.
8801-409BE1320 9.95

INDOOR-OUTDOOR THERMOMETER. Sensitive instrument built for rugged dependability. Hi-impact Ivory polystyrene case in 8¾" x 22⅜"x⅞" size. Complete with capillary tube. Wt. 1 lb.
8801-458E700 $5.00



Attractive Desk or Table Stand

- Operates on Butane Gas
- Fully Automatic
- Easy to Refuel
- Adjustable Flame

Safest cleanest fastest light in town. A great companion indoors or out. It gets the light where you need it, fast. Just squeeze the trigger, it lights electrically, burns safe butane gas. Adjustable knob regulates length of flame. Gives thousands of lights, easy to re-fuel when necessary. Beautifully made as a fine pistol, with walnut grip, chrome barrel and trim. Handsome walnut wood holder makes this a perfect and complete gift. Impressive desk or mantel piece, in office or home. Comes complete with 2 batteries, extra filament and fuel adapters.
613-500E1500 Complete Torch $9.95
613-DTSE640 Walnut Stand for Matchomatic gun ...$3.95

HAS DOZENS OF USES
- For Barbeque
- For Fireplace
- For Table Candles
- For Campfire
- For Birthday Candles
- For Boat and Trailer Stoves
- For Patio Lamps
- For Smokers

Why Shovel? . . . get one of these ENERGY and time SAVERS!

ALL-NEW LAWNMASTER 24" SNO COMMANDER

24" Wide - 5 HP - 255 lbs.

720-623E49900 $369.00

Tire Chains for 24" Mower.

720-12TCE2000 .. $15.00

Drift-busting double-deck impellers can blast a ton of snow per minute up to 45 ft. in 180° range . . . operator controls distance, direction!

SPECIFICATIONS

Width of Cut: 24".
Height of Cut: 22".
Drive: 100% American made chain with precision sprockets.
Speed: Forward and reverse with neutral position using fully enclosed, lifetime lubricated, gear type transmission.
No load forward speed 0.95 M.P.H.
No load reverse speed 1.23 M.P.H.

Engine: 5 H.P. Heavy Duty built to Lawnmaster specifications; full load low speed torque equivalent to 6 H.P. engine; fully winterized to protect against freezing, easy cold weather starting.

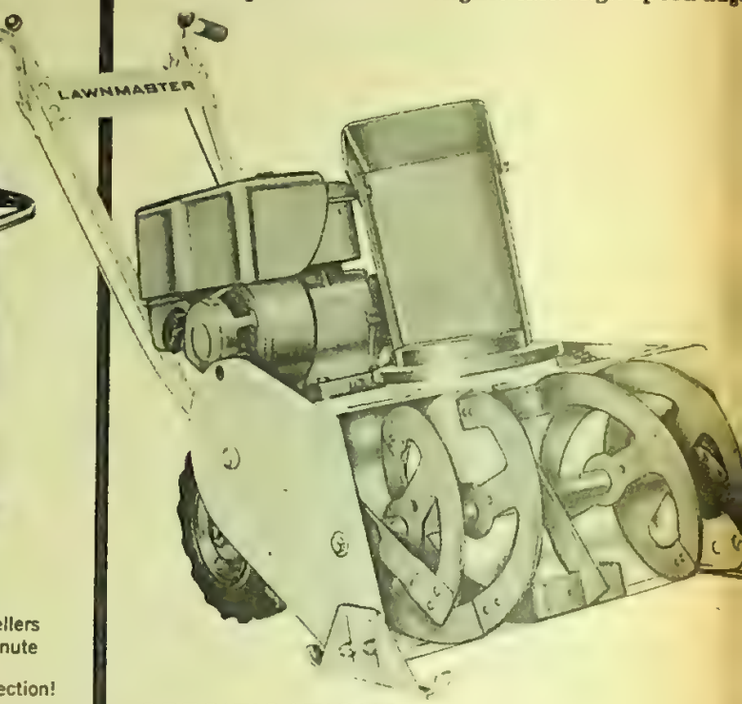
Tires: 12" dia., 3" wide chevron tread, semi-pneumatic; can be equipped with chains for steep inclines or icy pavements.
Height Adjustment: Skids adjustable 0" to 2½"; reversible for wide runner or narrow skid edge; plated for rust prevention.
Chute: Non clogging; adjustable by crank from 90° left to 90° right; deflector adjustable for distance of throw.

Impellers: Two 24" x 10" solid design digging impellers, 14" turbo throw impeller ball bearing mounted; digging impellers carry snow efficiently to center turbo throw, mounted parallel to turn in same direction as digging impellers for more efficient throw; all weather centrifugal clutch on drive shaft provides easy starting.
Handle: Rugged 1¼" dia. tubing; adjustable in height for operator convenience.

Bearings: All shafts run in sealed, lubricated ball bearings for low maintenance, maximum performance.
Hardware: Heat treated bolts and locknuts for shakeproof durability. Guard bar offers impeller protection; engine drive through centrifugal clutch for easy, no load starting.
Controls: Choke and throttle control mounted on engine to protect against freezing; no Bowden wires.
Performance: Removes over a ton of snow a minute; throws up to 45 ft. in new fallen snow; will handle wet snow, and ice and snow mixtures.

LAWNMASTER 20" SELF-PROPELLED SNOW THROWER

Easy to maneuver but with plenty of capaci and power this snow thrower saves your effort a your heart. You just guide it through heavy drif or packed snow . . . it handles them with ea with its powerful 4 HP engine and high speed aug



SPECIFICATIONS

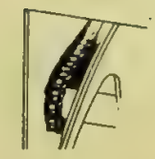
Width:	20"
Drive:	Trouble free, enclosed, non-slipping poly V-belts
Speeds:	Fingertip control. Ground speed 1.4 MPH. Positive engage and diseng for no-load starting and manual operation
Starter:	Recoil, weatherproof
Engine:	4 HP, 4 cycle Tecumseh. All-weather carburetor cover to pr vent icing and freezing.
Height Adj.:	Adjustable skid 0 to 1¾"
Tires:	10" x 2.75" heavy duty tractor tread, semi-pneumatic. Chains available f steep inclines or ice conditions
Chute:	Adjustable, can be set to throw anywhere from 90° right to 90° left. Thro snow up to 25 feet. Deflection of chute adjustable for height of throw
Handle:	Heavy tubular steel.
Auger:	20" x 10½" self-cleaning chain driven
Drift Cutter:	Front

720-622E29900 20" Wide - 4 HP - 155 lbs. $219.9
720-621E25800 18" Wide - 3 HP - 130 lbs. 179.9
720-10TCE1400 Tire Chains for 18" or 20" Thrower 10.0

This full powered BIG 4 cycle engine is shrouded to protect against freezing. The heavy duty recoil starter pulls easily in the coldest weather.

So powerful it actually undercuts higher-than-impeller snow. Direct discharge moves more snow per horsepower.

On-handle controls provide maximum operator convenience. Variable speed throttle with remote stop. Pull-rod impeller and transmission controls permit no-load starting and manual operation.



Self-cleaning chain drives impeller, thru hard packed snow and ice . . . won't freeze up or clog.

Swivel chute directs snow from 90° left to 90° right. Non-clogging even under extremely wet snow conditions. Chute deflector adjusts to vary height of throw. Throws up to 20'.

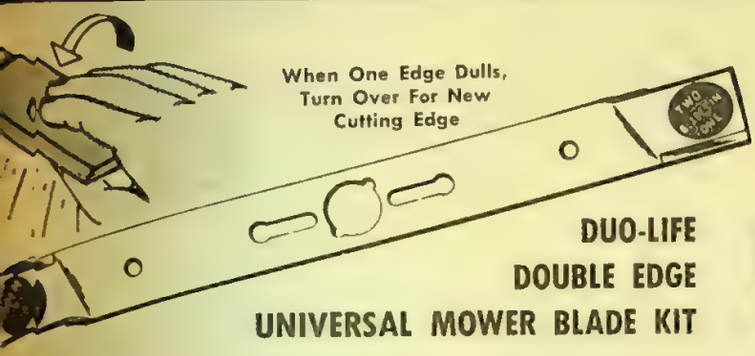
Large wheels with deep grip ping tractor treads pull thr under the roughest cond tions. Chains are available fo steep inclines and ice.

- Lightweight, Easy to Handle (43 lbs.)
- Powerful 1.6 HP Motor
- Quick 1¼" to 3" Height Adjustment
- Flip-Flop 2-Way Handle . . . Change Directions Without Turning Mower
- Completely Assembled and Ready to Plug In

QUIET! OPERATES ON RESIDENTIAL CURRENT. Now mow as early as you like, or as late . . . without irate neighbors! Powerful 10-amp 115V AC motor with slip clutch is Thermoweld burn-out proof. Delivers over 1.6 H.P. RPM 3600. Motor is double insulated for safety and approved for two wire extensions. Has 7 positions fingertip height adjustment for cuts from 1¼" to 3". 20" or 22" blade cuts wide swath. Large 8 wheels. Special design Flip Flop handle also locks in compact folded position for hang-up storage.

1002-2120E13480	20" Blade	$89.95
1002-2122E14980	22" Blade	99.95
GRASS CATCHER for 20" or 22" mowers above.		
7002-110E1300	Complete with hardware	$9.95

20" OR 22" ELECTRIC MOWER



DUO-LIFE DOUBLE EDGE UNIVERSAL MOWER BLADE KIT

Lasts As Long As Two Regular Blades

Now 2 mower blade cutting edges in one Hi-carbon steel blade, austempered for extra strength. It is America's greatest replacement mower blade value. Inserts to fit most mowers with ⅜" to 1¼" shafts.

7767-20E550	20" blade.	$3.95
7767-22E550	22" blade.	3.95

UNIVERSAL ROTO-RAKE GRASS CATCHER

Fits most makes. Adjusts to "Sweep-"Back directly in line of discharge flow. Heavy Osnaburg Cotton. Easy to attach. Fits 6" to 8" opening.

For Front Discharge Mowers
702-8E900 . . . . . $6.95
For Side Discharge Type. Fits 8" to 12" opening. (For Mowers Above.)
702-12E900 . . . . . $6.95

ARCO Lawn Mower Sharpener — Fits Electric Drill

¼" Shank fits electric drill . . . quickly, easily sharpens Rotary Mower blades (all makes, models). Reversible grinding wheel. Also for tillers, sickles.
153-32E160 . . . $1.20

SEMI-PNEUMATIC WHEELS

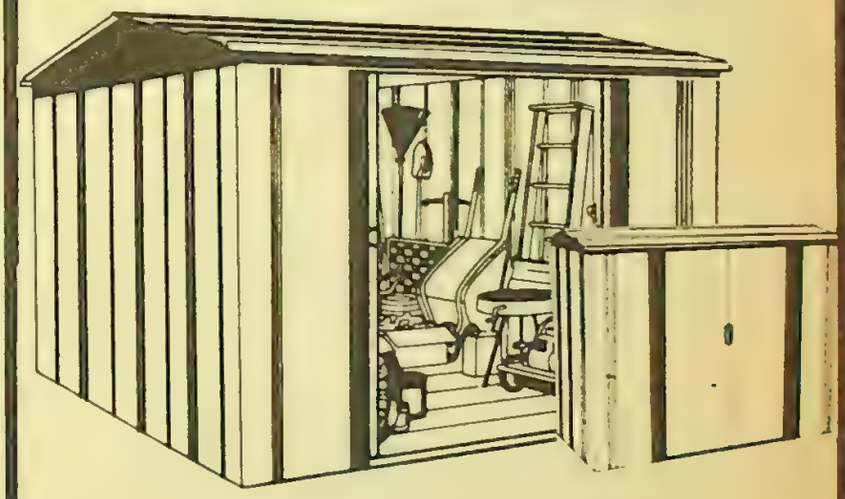
Ball bearing rubber wheels for replacement or repair of lawn mowers, seed spreaders, wheelbarrows, carts, hand trucks, wagons, lawn furniture.

Number	Size	Bore	Hub Width	Price
72-66150E200	6x1½"	½"	1⅜"	$1.75
72-77150E270	7x1½"	½"	1⅜"	2.00
72-88175E280	8x1¾"	½"	1⅜"	2.25
72-110075E360	10x1¾"	½"	1⅜"	3.50
72-110275E980	10x2¾"	⅝"	2 3/16"	6.50

HANDY HEAVY-DUTY SHEDS PROVIDE GIANT STORAGE

The Ideal Place for Mowers, Lawn Furniture, Toys, Bikes
- *Special Framed Foundation Goes Together In Minutes*
- *Needs Only a Screwdriver To Put It Together*
- *Snap-Tite Floor is Framed Into Steel Foundation*
- *Glide-A-Doors On DuPont Zytel Nylon Rollers*

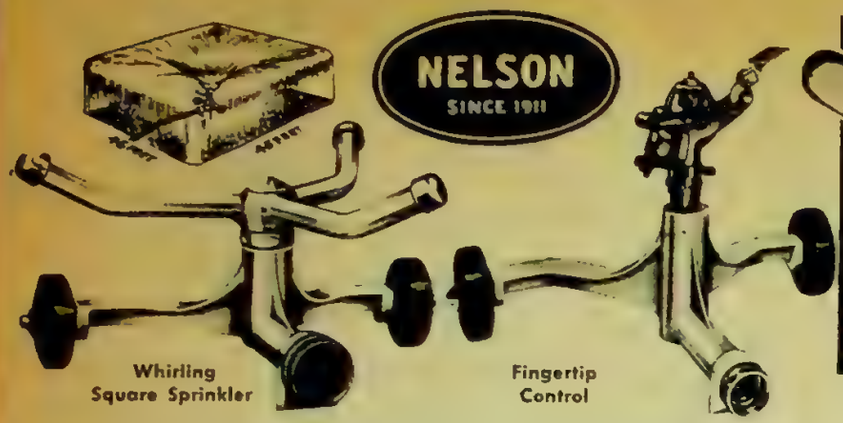
Choose from 3 Models, All with Wide Door Openings, Rugged Construction. All Redi-Kote Finished.

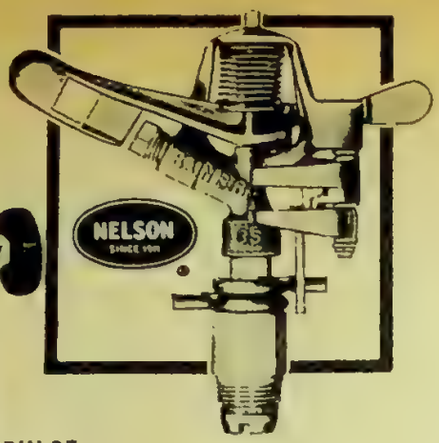


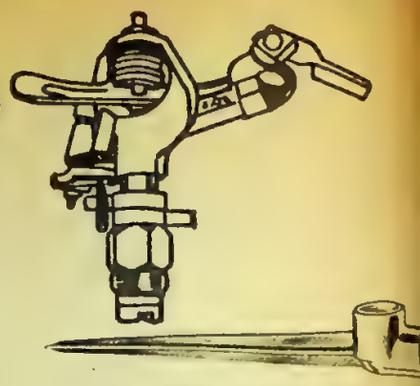
An Outstanding Structure, rugged throughout for years of protective shelter and storage for everything from lawn and garden tools and furniture, to bikes, trikes, sleds, and other out-of-season toys. **Framed foundation** is a reinforced network of under supports and outer frame all of hot-dipped galvanized steel. Scientifically load engineered to carry power equipment . . . and it goes together with just 4 screws, in minutes! **Snap-Tite floor**—Moisture Resistant Homosote Certified Exterior Plywood floor snaps tight and frames into the foundation. **All panels** are precision formed, numbered for easy assembly. Needs only a screwdriver! All screws Stainless steel, self-locking and with neoprene washers. Panels are double ribbed, overlapped and hemmed. Redi-Kote finish can be used as is, or repainted. **Fingertip Glide-A-Doors** are lockable . . . open full on Nylon rollers for total, easy access to interior. All models shipped by automotive carrier from N. J. plant.

Model No.	Material	Inside Dimensions	Door Open.	Wt.	CU. FT.	Price
56-510E13000	Steel	72Wx57½Dx70H	34"	177	156	$ 89.95
56-710E16000	Steel	72Wx79½Dx71H	34"	217	215	114.95
58-710E20000	Steel	93Wx80Dx71H	44"	265	279	139.95

AUTOMATIC SPRINKLER HEADS — SAVE TIME, MONEY, WATER







NELSON "POPPY" SPRINKLER. See it sprinkle a square while it whirls around. High-quality, popular model sprinkles a 5x5 or a 45x 45-ft. sq. area. Provides a gentle rain-like spray. All brass bearings. Easy to use and easy to move on its 3-wheel base. Guaranteed 1 yr.
711-54E550 Covers 45x45' **$4.25**

NELSON RAINBIRD IMPULSE SPRINKLER. Top of the line. Provides full or part-circle coverage of up to 80 ft. diam., or 5000 sq. ft. New fingertip adjustable nozzle baffle to control height and distance of spray. Rolls easily on wheel base. Guaranteed.
711-132E1580 5000 sq.ft. **$11.95**

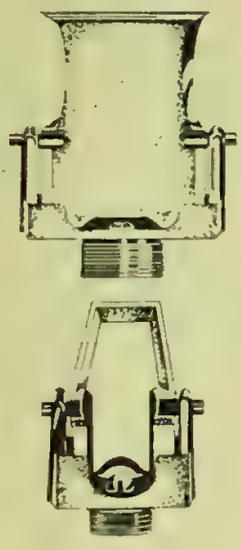
RAIN BIRD HEAD
Full or part circle. Easily adjusted for coverage. Covers 35 to 47 feet radius. ¾" sprinkler connection.
711-35AD5E1600 ....**$11.50**

NELSON RAINBIRD SPRINKLER HEAD. Full or part circle sprinkler with fingertip adjustment on nozzle baffle. Covers 20 to 80-ft. diam. ½" sprinkler connection.
711-25DAE890 Head only **$6.95**

½" SPIKE BASE 8" long. ½" sprinkler connection.
For regular ¾" hose connection.
711-125E200 .....**$1.50**

PART OR FULL-CIRCLE PROFESSIONAL ROCKER-JET SPRINKLER

Finger-Tip Adjustment and Spra-Maker Nozzle Permit Spray Pattern Adjustment. Eliminates Back-Splash. 20'-78' Diameter, 3.8-4.9 GPM. ½" Male IPS, Pressure (pounds) 30-50.
764-503E1040 .....**$7.00**



RECTANGULAR METAL STRIP PATTERN SPRINKLERS

For problem watering strips along curbs or adjacent to driveways. Strip sprinklers save time, save water.

Wide Strip, 6'-8' Wide, 30' Range, ½" Male IPS.
764-109E280 .....$2.25

Narrow Strip, 3'-5' Wide, 30' Range, ½" Male IPS.
764-108E250 .....$1.75

POP-UP UNDERGROUND SPRINKLERS

Precision Manufactured of the Finest Corrosion - Resistant Brass. Uniform Water Distribution. Natural-Type Spray for Maximum Water Penetration, Minimum Water Waster. Requires 15 lbs. pressure.

Catalog No.	Pattern of Coverage	I.P.S. Riser Opening	Discharge in G.P.M.	Effective Coverage in Feet	Price
764-403FE370	Full Circle	½"	1.5	20' Diam.	$2.95
764-403HE370	Half Circle	½"	1.2	10' Radius	2.95
764-403QE370	Qtr. Circle	½"	1.0	10' Radius	2.95
764-403SE370	Sq. Pattern	½"	1.5	17'x17'	2.95

RING BASE
Rust proof steel ring with baked enamel finish—¾" hose connection. Built-in strainer.
½" Srinkler thread.
764-50E300 .....**$2.20**
¾" Sprinkler thread.
764-75E440 ..... **3.10**

NELSON "GULL" IMPULSE SPRINKLER. Full-circle sprinkler on sturdy, steel ring base. Fingertip adjustment of nozzle baffle controls height and distance of spray. Covers up to 80-ft. diam., 5,000 sq. ft. area. Rustproof brass head.
711-135E940 ..... **$7.25**

NELSON RING 35 RAINBIRD. Full and part-circle sprinkler head is on ring base Designed for extra-large lawns. Adjustable nozzle controls spray. Covers up to 94-ft. diam., over 7000 sq. ft. Quality made throughout. Guaranteed.
711-130E1980 ..... **$14.95**

Specialty ROOT FEEDER

"The Staff of Life"

For Trees and Plants

- Easy open cover
- Plastic see-through plant food cup
- Sturdy handle for directing feeder into root area
- Anti-siphon valve
- ¼ turn shut-off and control valve
- Standard garden hose coupling
- 28" long feeder tube
- Tapered cone point for easy penetration

703-RF8E900 **$6.95**

Produces healthy, vigorous root growth and full, rich green, luxuriant foliage by placing plant food and water where trees and plants feed . . . at the roots!

HIGH POTENCY EVERGREEN AND SHADE TREE PLANT FOOD

Produces lush green foliage and strong healthy branches in trees. Evergreens will thrive on this formulation (10-25-15). E-50 is especially helpful and necessary in soils where nutrients have been depleted.
705-50E140 .....**$1.00 pack**

Buckner

UNDERGROUND POP-UP LAWN SPRINKLER SYSTEM

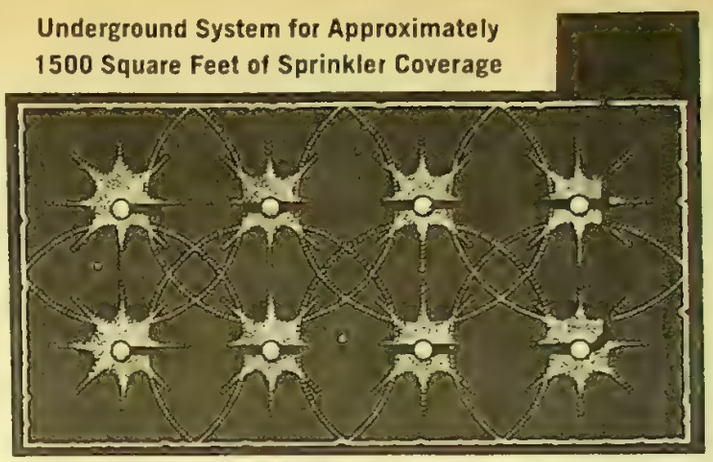
EVERYTHING a home owner needs to install the system except a screwdriver, a knife and a spade..

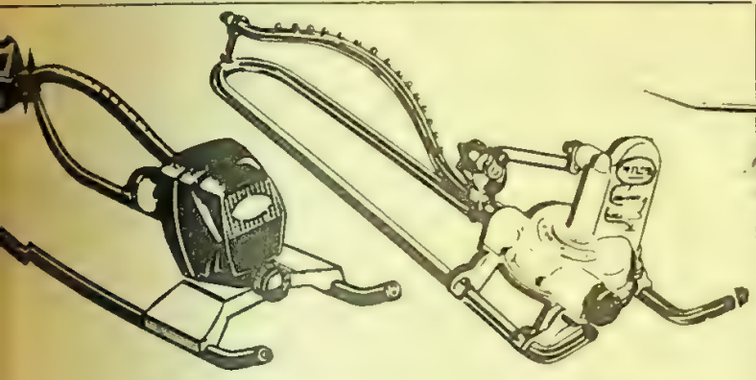
An efficient easy to install underground sprinkling system that will end your lawn scattering problems. Complete Kit includes:

- 100 feet of ¾" plastic pipe
- 8 full-circle, all-brass adjustable Buckner Pop-Up Sprinkler Heads
- ¾" all-brass combination valve and vacuum breaker
- Plastic risers
- Brass saddles
- Cutting tool
- Elbows, tees, nipple and clamps
- Complete instructions

764-DY8E6990 ..... $49.95

Underground System for Approximately 1500 Square Feet of Sprinkler Coverage





FULLY AUTOMATIC SPRINKLERS

EVERRAIN OSCILLATING SPRINKLER. Durable . . . efficient. Automatic control lets you dial left side, right side, partial full spray. Sealed motor unit. Non-corrosive aluminum, zinc and nylon. Guaranteed for one full year.
711-63E660 Cov. 2400 sq.ft. $5.95.

NELSON DIAL-A-RAIN SPRINKLER boasts a new, foolproof nozzle with 19 precision-rifled brass jets—outlasts punched holes 5-1, propels strong, uniform stream. Jets remove for easy cleaning. Large water motor for smooth low-pressure action. Fully guaranteed.
711-68E1320 Cov. 2800 sq. ft. $9.95

DELUXE 2 SPEED WALKING SPRINKLER

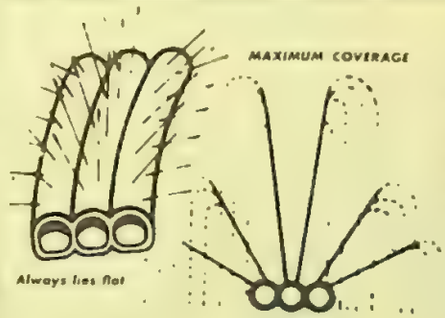
Deluxe traveler for larger lawns. Fully automatic. Follows hose (up to 200-ft.) in any pattern you lay it out in, reeling it as it travels along. Set fast, slow or stationary. Nozzle adjusts from fine mist to jet spray and also adjusts from narrow width to full 55' circle. Large wheels roll easily over rough terrain, even turns corners. 24x19x18".
710-3500E4650 . . $36.95
710-303E390 Shut-off 2.95

MELNOR TIMER

Automatic water-minder control. Takes the guesswork out of lawn sprinkling . . . automatically shuts off any type of sprinkler or hose accessory. Just attach to faucet, set dial for degree of sprinkling desired and it regulates the flow to sprinkler, then shuts off at the proper time. Compensates for pressure variances. Pressure-proof construction. Unconditional 1-year guarantee.
726-100E680 ..... $5.99

RAIN TRAIN TRAVELING SPRINKLER

The only traveling sprinkler with a direct geared transmission. Gives continuous motion. 2-Speed Selector shifts easily from high speed, low speed and neutral. Extra powerful—pulls 100' of hose, travels 200'. Adjustable arms for low angled discharge to cover narrow strip areas and defeat wind interference . . . or high angle discharge to cover up to 55" diameter. *1-year guarantee.*
711-200E4100 Sprinkler . . $29.95
711-204E600 Shut-Off Valve..... 3.95

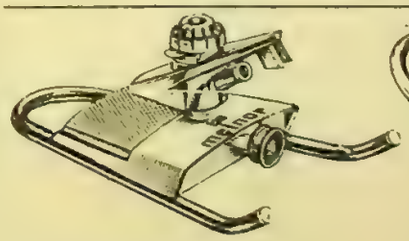


3-TUBE SPRINKLER

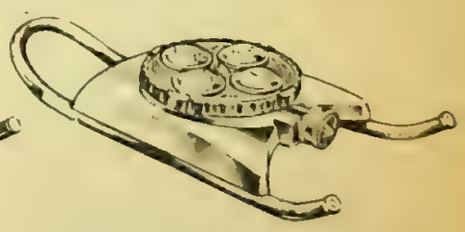
The Hose with the Holes. Revolutionary sprinkler and soaker. 100% virgin vinyl plastic hose always lies flat, is completely flexible, adapts to curved or circular areas. Will not rust, mildew or rot when stored. Hundreds of openings along its entire length. Couplings both ends, 1 end cap.
709-3T50E400 50-feet . $3.49
709-3T25E280 25-feet 2.49

STOP RAIN WASHOUTS!

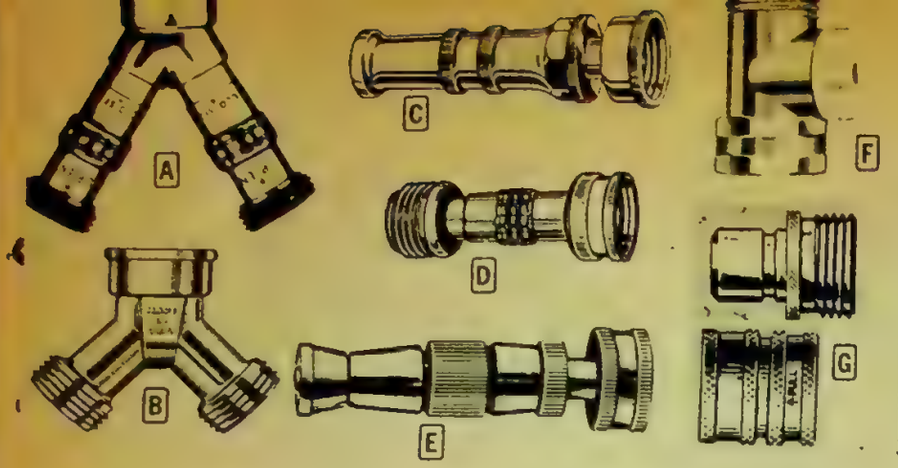
End gutted, gullied lawn areas around downspouts. Just attach this 12-ft. rolled-up green plastic sleeve. When water flows it unrolls automatically carrying away water harmlessly thru sprinkler holes at end. Wear- and wind-proof.
728-R12E200 12-feet . . $1.49

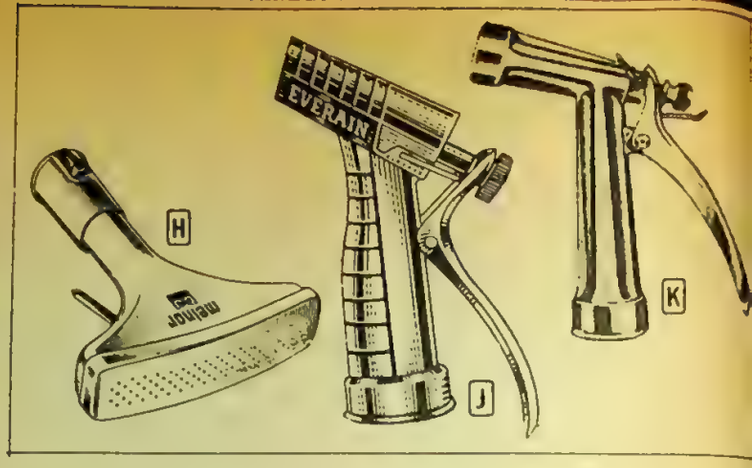


MELNOR SPRINKLER . . . Waters a thin wedge, or a full circle up to 60-ft. diam. Pulsator provides even, penetrating water coverage. Just set dial for any arc from 30° wedge to full circle. Non-corrosive zinc base, aluminum sled-type runners. Chromed brass, zinc. 1-yr. guarantee.
726-950E1190 .....$8.95



MELNOR TURRET SPRINKLER. Covers 4 different lawn areas—5x 50-ft. strips, 10x50-ft. rectangles, 20 x 40-ft., and up to 30 x 30-ft. squares. Provides even penetration from end to end, without wetting adjacent areas. Non-corrosive aluminum, zinc and chromed brass. 1-yr. guarantee.
726-675E530 .....$3.95





LAWN AND GARDEN CARE ACCESSORIES

(A) SIAMESE SHUT-OFF. Converts a single faucet to a double faucet with independent shut-offs. Polished chrome-plated finish.
714-4693E350 ..... $2.75

(B) "Y" CONNECTOR. Cuts working time in half by letting you convert a single faucet into a double faucet to do the work of 2 faucets. All durable brass alloy, chrome plated finish.
711-79E120 ..... $1.00

(C) EXTRA-HEAVY BRASS NOZZLE. Excellent quality, durability. Made of heavy solid brass, finished and polished. Easy-grip octagonal design. Adjusts to desired spray or stream. Imported. Designed for leakproof use.
714-4618E200 4" Long $1.50

(D) HOSE SHUT-OFF VALVE. Push it's on, pull it's off . . . no long walks to faucet, no wasted water, no twisting or turning. Leakproof, non-corrosive solid brass.
726-400E230 $1.70

(E) EXTRA HEAVY SHUT-OFF NOZZLE. Adjusts from solid stream to fine spray to leakproof shut-off. Deeply knurled solid brass. Drip-proof spray-bell pin.
726-515E250 ..... $1.80

(F) NELSON SHUT-OFF COUPLING. Fingertip adjustment from full-flow to positive shut-off. Wide opening for 300% more flow.
711-111E220 $1.75

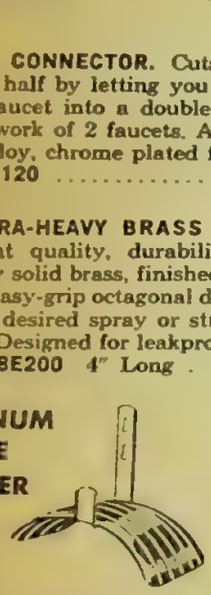
(G) QUICK-CONNECTOR COUPLING. No threading, twisting, turning. Pull band back to open, release to close. Brass.
714-4689E160 ..... $1.25

(H) FAN HAND SPRAY with Spike, Shut-Off. Adjustable spike holds firmly in the lawn at any angle. Colorful, unbreakable polystyrene head has built-in shut-off valve. Sprinkles newly seeded areas with an even, gentle, rain-like spray. Non-corrosive.
726-53E180 ..... $1.30

(J) FULL GRIP LEVER SPRAY NOZZLE. Designed for easy one-hand operation. Trigger nozzle adjusts with one hand from strong stream through fine spray to complete shut-off. A squeeze on the trigger adjusts the spray and a thumb-set cam locks the position until you change it. Non-corrosive finish for long life and durability. Leakproof design. Quality made throughout.
716-K5E160 ..... $1.29

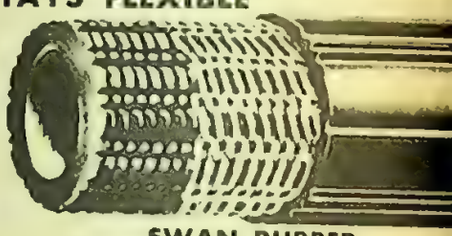
(K) GILMOUR HOSEMASTER. Durable, non-corrosive alloyed metal is beautifully Gilmourized and given a lifetime chrome-clad finish. Leakproof . . . clogproof. All brass valve design for durability. New flared handle. Adjustable to any kind of spray or stream you want. Squeeze it and water goes, release it and water stops. Or, can be locked in any given place for a constant flow.
715-562E200 ..... $1.49

ALUMINUM HOSE HANGER



Rust-free hanger is light in weight, yet amazingly strong. *Holds 200 feet of ½" diameter hose.* Easily mounts on wall or on a free-standing post. Ribbed construction provides extra strength. Rolled edges for safety. Practical around any home.
703-30E140 ..... $1.00

KINK-RESISTANT GARDEN HOSE . . . STAYS FLEXIBLE



(L) VINYL PLASTIC GARDEN HOSE. Deluxe quality plastic garden hose that resists scuffing and weather. Exceptionally light and pliable—will not kink. Heavier wall thickness—brass couplings.

708-12P50E360	½" diameter, 50-feet	$2.95
708-58P50E580	⅝" diameter, 50-feet	4.95
708-58P75E840	⅝" diameter, 75-feet	6.95
708-34P50E800	¾" diameter, 50-feet	6.75

(M) TIRE-CORD REINFORCED NYLON GARDEN HOSE

10-Year Guarantee! Strong as steel, yet light as a feather garden hose, won't burst even if left in the hot sun under full water pressure. Layer of nylon tire cord is laminated into plastic wall. Won't rot, won't kink, won't burst. Resists cold and heat for weather resistance. Full-flow solid brass couplings.

707-12N50E570	½" diam., 50-ft.	$4.95
707-58N50E800	⅝" diam., 50-ft.	6.95
707-58N75E1100	⅝" diam., 75-ft.	8.95
707-34N50E1400	¾" diam., 50-ft.	10.95

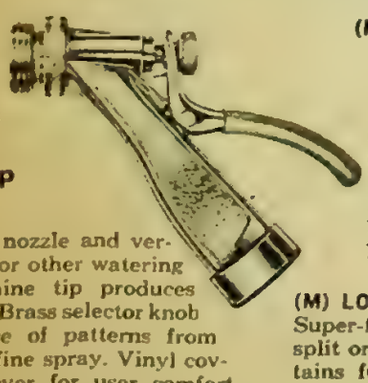
(M) LOW TEMPERATURE FLEXIBLE NYLON REINFORCED HOSE. Super-flex hose. Finest vinyl reinforced with nylon . . . won't crack, split or become brittle. Easy to coil even at sub-zero temperatures. Retains full burst strength under the hottest sun.
707-58LT50E1100 Unconditionally Guaranteed. ⅝" diam., 50' $8.95

SWAN RUBBER 3-PLY CONSTRUCTION

Truly rugged and durable quality construction, featuring 3-ply design with special tyrex reinforcement. Reliable live rubber will not crack or peel . . . will always stay flexible and easy to coil no matter what the weather. Complete with long-life solid brass coupling for non-corrosive service. Green color.

Number	Size	Price
705-12R50E900	½"x50'	$7.00
705-58R50E1200	⅝"x50'	10.00
705-58R75E1680	⅝"x75'	18.00

With Brass Threaded Adapter Tip



A top quality nozzle and versatile control for other watering devices. Machine tip produces positive spray. Brass selector knob provides choice of patterns from full stream to fine spray. Vinyl cover on valve lever for user comfort. Brass ring protects adapter threads. Body is chrome plated. Valve assembly is brass.
726-450E280 ..... $1.98

GREEN THUMB®

Smart, practical and so comfortable to wear. Made of fine quality, colored cotton. Impregnated with vinyl. Repels dirt and outwears ordinary cotton gloves. They wash without shrinking.
Woman's Size
819-71100E190 $1.29
Man's Size
819-71150E190 1.29

WORLDS' FINEST GRASS SHEARS AND PRUNING SHEARS

SEYMOUR SMITH

SNAP-CUT GRASS SHEARS. Thumb catch easy-action design. easy, efficient cutting. Blade tension device automatically adjusts blades to toughness of the grass. Cushioned sponge plastic hand grips eliminate blisters.
718-1207E460 5" Cut **$3.50**

SEYMOUR SMITH

SNAP-CUT ANVIL PRUNER. All new with comfort-cushioned bright orange vinyl hand grips. Easy-action thumb catch. With famous "Snap-Cut" draw-in slicing action. Heat-treated alloy cutlery steel blade, ground, honed.
718-19E460 8" Cut **$3.50**

STANLEY

STANLEY GRASS SHEARS. Scissor type bottom blade is contoured for positive contact of cutting edges. Adjustable blade pressure. High handle for easy squeeze action. Heat-treated, polished blades. Soft plastic grips.
700-GS30E440 13" Long **$3.75**

QUIK-KUT GRASS SHEARS

Forged cutlery steel blades are hollow ground and polished. Have exclusive "Power Draw" shearing action and special thumb-touch safety lock. Comfortable cushion grip handles.
7719-K50GE340 ..... **$2.50**

STANLEY HAND PRUNER

Lightweight anvil-type pruner features draw-cut action. High carbon steel blades, precision ground. Replaceable anvil. Sta-put catch for easy 1-hand open-close. Overall chrome plated.
700-PA12E380 ..... **$2.95**

ANVIL TYPE BRASS STRIKE

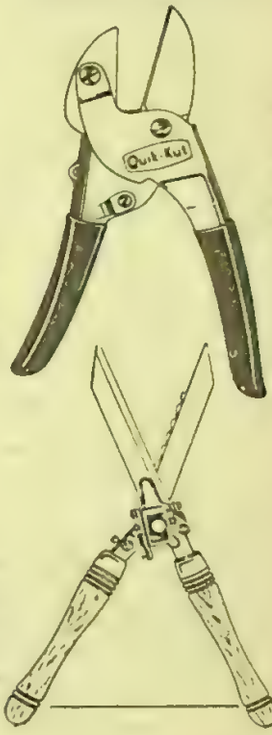
Hand forged from best high resistance Italian steel, hand ground and hardened. Locking catch operated by a flick of the thumb. Handle shaped for non-tiring comfort and control.
601-8021E200 8" Long **$1.95**

KEISER MIRACLE GRASS SHEARS

Easiest-working shear ever made. Simple design, sturdy construction. Blister-proof grips assure firm control and non-tiring comfort. Finest forged blades feature a lasting cutting edge. With thumb operated catch.
7722-2PE420 ..... **$3.35**

SEYMOUR SMITH SNAP-CUT HEDGE SHEARS

Improved smooth-cutting action, notched blade for cutting large branches. Strong, lightweight shears have high alloy metal handles, non-slip grips molded to fit hands. Precision ground cutlery steel blades, serrated edges.
718-1148E730 ..... **$5.49**



WALLACE QUIK-KUT

POWER LINK PRUNING SHEARS. Parallel-action, Power-Link shears cut 40% easier than conventional shears. Precision ground, honed cutlery steel blade. Thumb-operated safety lock won't lock accidentally. Cushion grips for comfort. Finest made.
719-K21E400 .... **$3.25**

SEYMOUR SMITH GRASS SHEARS

All new! Vertical sweep blade of precision ground, heat-treated high carbon steel . . . automatically pulls down against bed knife to maintain proper tension. Twin catch mechanism. Permanent finish non-rust Celcon handle.
7718-727E470 ..... **$3.49**

STANLEY GRASS SHEAR

Vertical action scissor-type single blade. Has hardened, tempered, fully polished blades with ground cutting edges. Thumb-operated catch holds blades closed when not in use. Soft vinyl grips for comfortable handling. 11" long.
700-GS37E280 ..... **$2.25**

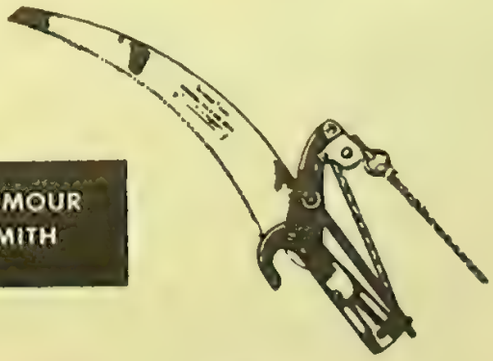
MIRACLE HEDGE SHEAR

The finest hedge shear made. Precision steel blades have serrated edge on bottom blade. Spring bumper action protects shears . . . protects user. Large hardwood handles are specially designed for easy gripping. Catch locks blades closed.
722-500E800 .... **$6.50**

SNAP-CUT ANVIL LOPPING SHEARS

For home, orchard. Lightweight, strong, with exclusive Snap-Cut anvil action to easily cut limbs up to 1¼" diam. Metal handles have molded hand grips. Ground alloy steel blade . . Replaceable.
718-1149E1060 25" long **$7.95**

SEYMOUR SMITH



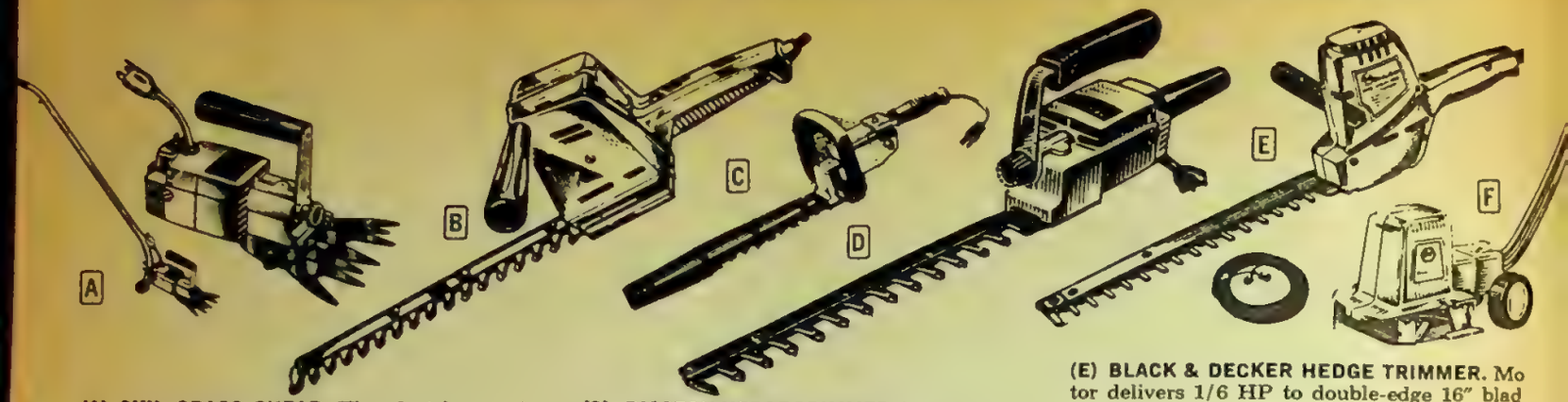
TREE PRUNER HEAD & SAW

One tool that clips branches and saws larger limbs. Combination tree pruning head and pole saw. Cast malleable iron head; tempered steel blade. 16" tempered steel saw blade. Cuts 1" diam.
718-2011E1330 ..... **$10.00**

RUBBER KNEE GUARDS

Be Nice To Your Knees! Protect tender knees while gardening or scrubbing, with these lightweight, soft sponge rubber cushions. No more rough, soiled, stiff and aching knees. Cushions have corrugated facing at points of wear. Adjustable straps keep them in place. Wear over or under clothes.
724-KPE250 Pair . . **$1.98**

SAVE ON NATIONALLY ADVERTISED HEDGE TRIMMERS



(A) SKIL GRASS SHEAR. The electric way to neat lawn clipping. Scissor-action self-sharpening blades cut full 6" swath cleanly, even in tallest grass, without fraying. Powerful 2.3 Amp motor—1800 SPM—heavy duty spiroid gears.
104-529E6580 Deluxe Shear **$44.95**
104-26175E880 Roller handle for above **5.95**

(B) MANNING-BOWMAN ELECTRIC SHRUB & HEDGE TRIMMER. Saves work, time. Exclusive Lock-cut blade catches, holds branches still until cut. Lightweight, balanced. 13" cutting bar with 16 teeth—1850 SPM. 115V, AC. 2.5 Amp. motor for extra power. UL approved.
851-57501E2690 .....**$29.95**

(C) DISSTON HEDGE TRIMMER. Trims hedges, shrubs, evergreens. Fixed all-position handle. Hardened 13⅛x2" blade has beveled teeth. Ball bearing 115V, AC/DC motor drives blade at 1800 SPM. Dependable. Spiroid gear system. Durable die cast housing. 25" long total.
201-99E6000 5 lbs. light.....**$49.95**

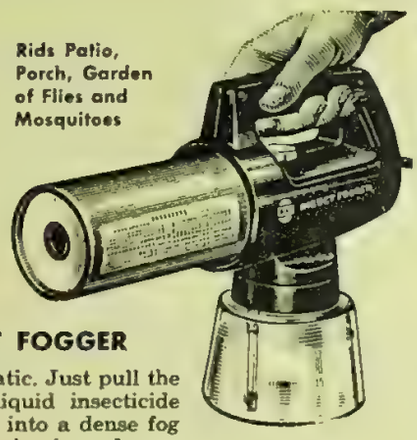
(D) SKIL ELECTRIC TRIMMER. Cuts 100-ft. of hedge in ½ hour . . . that's really working for you! Trims hedges, shrubs neatly, too . . . 13½" long blade grips foliage between its teeth to cut clean, never jag ¼ HP 115V, AC/DC motor . . . 1800 SPM. 90° adjustable auxiliary handle.
104-513E6580 .....**$44.95**

(E) BLACK & DECKER HEDGE TRIMMER. Motor delivers 1/6 HP to double-edge 16" blad for 3600 SPM. Rugged . . . 2 Amps, 115V, AC. Die cast aluminum housing is tough, light. Sure-grip handle has finger-switch. Complete with flexible 50-foot, 3-wire, 16 gauge extension cord . . . regular value $7.69.
101-172/316E3990 **$27.68**
101-272/316E6660 **41.02**

(F) BLACK & DECKER LAWN EDGER—TRIMMER. 6 amp ½ HP motor — 13,000 RPM. Powerful yet safe! 8" clog-proof winged blade. Push-button lock to switch from trimmer to edger. Oversize wheels. Complete with flexible 50-foot, 3-wire, 16 gauge extension cord . . . regular value $7.69.
101-278/316E7990 **$47 68**

HOSE SPRAY ATTACHMENT

New Automatic Garden Gun. Automatic dispenser for herbicides, fertilizers weed killers, etc. Fingertip dial control for fast or slow feeding. Automatically mixes, proportions, fills, sprays, cleans itself. Unbreak.
726-084E630 2-in-1 Gun, 1 qt. **$4.95**



Rids Patio, Porch, Garden of Flies and Mosquitoes

Sprays a 200x200-ft. area

BVI INSECT FOGGER

Electric . . . automatic. Just pull the trigger, oil-based liquid insecticide instantly vaporizes into a dense fog that spreads through air and over the ground killing pests. Safe for humans, pets. Lasts hours. 110-115V.
112-900E3600 .....**$34.95**

TREE STUMP REMOVER

Get Rid of Ugly Tree Stumps, AND SAVE YOUR BACK! No chopping, digging or blasting. Just pour Tree Stump Remover on stump and allow it to be absorbed. Special chemical compound will break it up, decompose it for easy removal. Complete directions. 8-oz. can removes 18". stump.
663-SRE200 .....**$1.49**

(G) STERN'S MIRACLE-GRO FERTILIZER. *Water soluble concentrate.* Will not burn or injure tenderest plant. Non-toxic. 15-30-15 formula. 1½ lbs. makes 60 gals. liquid food.
725-MG15E300 1½ lbs. **$2.25**
725-MG5E680 5 lbs. **5.00**

(H) STERN'S MIRACID. *100% Water Soluble!* Rich in chelated iron. Won't wash away. 1½ lbs. makes 60 gals. of liquid food. Non-toxic.
725-MC15E300 1½ lbs. **$2.25**
725-MC5E680 5 lbs. **5.00**

(J) STERN'S MIRACLE-GRO FOR ROSES. *Water soluble concentrate.* Nutrient solution specially formulated for roses. Dramatic 7-days results! 14-28-18 formula plus minerals.
725-MR15E300 1½ lbs. **$2.25**
725-MR5E680 5 lbs. **5.00**

(K) STANLEY PRUNING PAINT & WOOD PRESERVATIVE. Aerosol spray applies quickly . . . protects open surface against wood boring insects. Seals pruning cuts, heals abrasions. Also preserves wood furniture.
200-9040E150 8-oz. **$1.10**

(L) "THE BOOSTER" — Has Saf-T-Lok seal that opens, closes easily, with complete safety. Big *4-gallon tank* is 7½"x19½" with Saf-T-Clip holders, strap. *Pump:* 14"x1¾". Seamless brass tubing locked into tank. Special design permits all air to escape before cams disengage. *Discharge equipment:* 41" overall; 20⅜" Spray-Proof hose. Roto-Valve spray control. 18" curved brass tube with Multi-Spray nozzle.
723-6291E1820 4 Gallons ..**$12.28**
723-6116E1550 2 Gallons....**$10.60**

HUDSON TROMBONE SPRAYERS

Roto-Spray nozzle for any spray from mist to 25 or 30 ft. stream, any angle. O ring piston. 6 ft. Dura-Cril plastic hose. Brass intake and strainer.

Patented pressure chamber maintains constant nozzle pressure of 180 lbs. Built-in telescopic spray extension extends 15 in.

¾x16½ in. cylinder, ½x21 in. plunger and air chamber. Delivers about 1.3 oz. per stroke.
723-60223E1980 .....**$13.95**

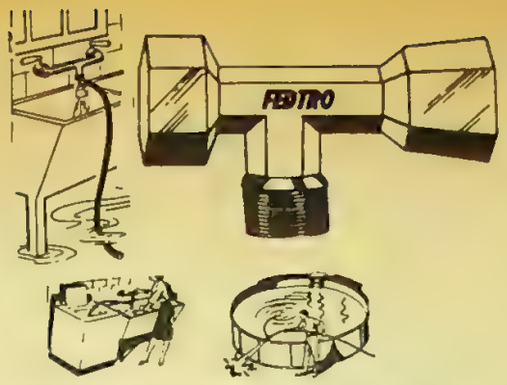
HUDSON COMPRESSION SPRAYERS

Multi-Spray Nozzles Adjust

Air-Pak Design Kwik-Chek Valves

Galvanized Steel Tanks

Seamless 1-pc. construction—molded under tons of pressure. Guaranteed against defects, impervious to climatic changes. Sanitary White porcelain-like finish, matching hinges.
9921-100E550 5½" Centers.....$4.95
LIFETIME SOLID PLASTIC. Heavy Duty
9921-20E1190 5½" Centers..... 9.95



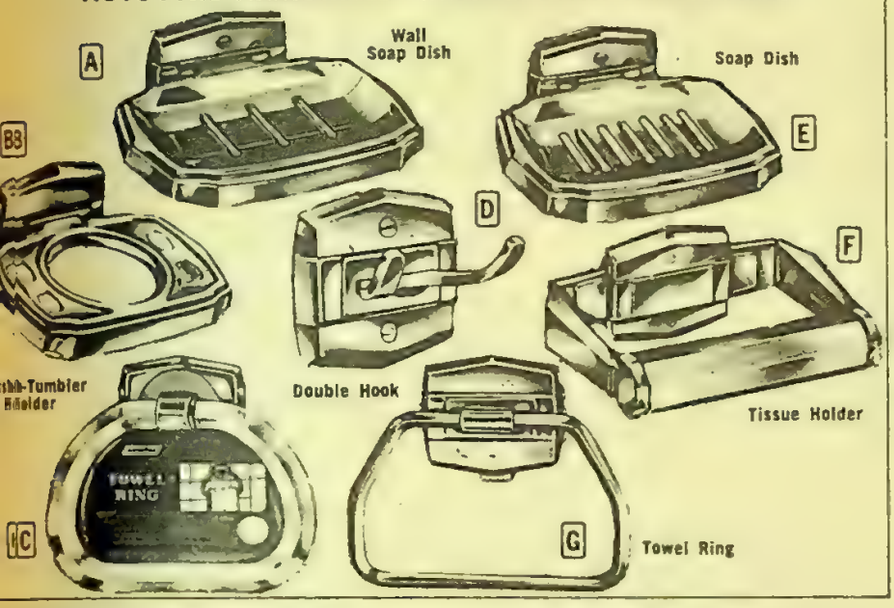
MULTI-PURPOSE DRAIN PUMP

A must for homeowners, pool-owners, boat-owners. Empty flooded basements, washing machines, pools, boats, Attach drain pump to faucet or hose, turn on water and pumping action begins immediately. Water pressure does the work for you.
408-DRNPE250 .....$2.98

LANCASTER
HEAVY-DUTY SUMP PUMPS

Lancaster sump pumps are engineered to give you trouble-free dependable service. Ruggedly constructed with non-clog impeller for residential basements or laundry sumps, also for intermittent industrial use in elevator pits and boiler rooms. They have heavy duty 1/3 HP motor with long-life thrust bearing. Supplied with float switch and an 8-ft. cord. Ready to install. Overall 3-ft. high. Available in cast iron or bronze. The cast iron model has bronze fittings. **Capacity:** 5' head, 3200 GPH; 10' head, 2700 GPH; 15' head, 1800 GPH; 17.5' head. 700 GPH.
120-6750E6600 Iron. 26 lbs. $47.95
120-6700E7200 Bronze. 27 lbs. 54.00
SUBMERSIBLE TYPE — ⅓ HP motor, automatic overload protection.
120-6775E9800 Iron-Submersible 75.00
120-6770E10400 Bronze-Sub. 80.00

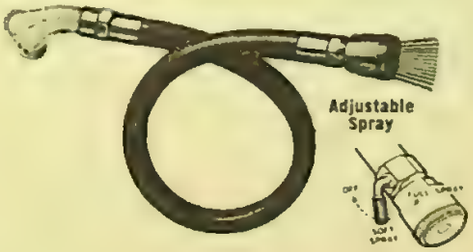
AUTOTYRE ARMORIZED CHROME BATH ACCESSORIES



ARMORIZED CHROME 12—the patented finish that is dent, rust, scratch-proof. Your a "Housetime" of lustrous beauty.
(A) WALL SOAP DISH. One-piece tray, raised soap rest, strong bracket.
540-4000E190.....$1.49
(B) TOOTHBRUSH-TUMBLER HOLDER. Matches soap dish. Space for 4 brushes.
540-4004E190.....$1.49
(C) TOWEL RING. Sturdy stirrup shape.
540-4010E200.....$1.59
(D) DOUBLE ROBE HOOK. Sturdy.
540-4006E150.....$1.25
(E) WALL SOAP DISH. One piece tray, husky bracket, with drain slots.
540-4020E200.....$1.49
(F) TOILET TISSUE HOLDER. Spring side arms hold snap-out octagonal roller.
540-4009E220.....$1.79
(G) PLASTIC TOWEL RING. Clear lucite ring for a decorator touch. Chrome bracket.
540-4023E290.....$2.25

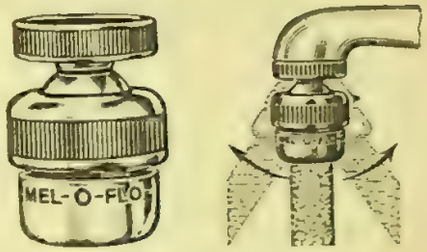
FAUCET HANDLES

Hard steel jaws hold on all sizes of faucets—kitchen, bath, shower. Replaces cross handles. Chrome plated. Install in seconds. Free Allen wrench included. Sold only in sets of 2.
920-1202E200.....Pair $1.50



MEL-O-FLO XTENDA-SHOWER

Flexible arm adjusts to any height, holds it. Self-cleaning chrome brass head adjusts spray.
920-390E800 With Regular Head.....$5.99
920-391E920 Adjustable Head..... 6.99
Xtenda Shower Arm only. Without head.
920-380E700.....$5.25



MEL-O-FLO JET AERATORS

SWIVEL JET-AERATOR. For finger-tip direction control and non-splash aerated water. Swings and swivels to every corner of the sink. O-ring seal is friction-free. Chromed brass. For all faucets. Adapter included.
920-140N240.....$1.89

NON-SWIVEL AERATOR

Female thread fits most outside threaded faucets; has adapter for use on inside threaded faucets. Non-splash aerated water.
920-100E120.....$.88

SNAP COUPLERS

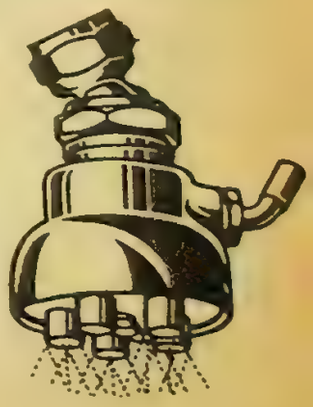
SNAP NIPPLE with ¾" female thread.
920-603E120.....$.90
SNAP COUPLING SET. For garden hose quick-connect. Complete . . . ¾" female threaded nipple, and ¾" male threaded coupler set.
920-640E200.....$1.69

JET SHOWER HEAD

Chrome plated, solid brass with double cone spray. Ball joint, standard thread.
920-360E250 Reg..$1.98
920-361E380 Adj.. 2.98

MULTI-STREAM SHOWER HEAD

From Needle Shower to Heavy Spray . . . in an instant! Just a flip of a lever adjusts the water flow. Precision made. No messing with hot or cold faucets, risking scalding or freezing. Set the water temperature just once, then use the Multi-Stream head for all other adjustments. Gives you a needle-fine mist or a dousing spray or anything in between. Heavily chrome plated brass head has hand-adjustable swivel ball . . . sprays in any direction. 5 spray adjustments controlled by single, handy lever.
714-4075E420.....$3.95



"POP" RIVETOOL

★ *No Special Skill Required*

RIVETS IN SECONDS FROM ONE SIDE

SET RIVETS LIKE A PRO WITH THIS NEW REVOLUTIONARY TOOL. This easy-to-use hand-riveter makes fast, low cost, permanent and professional quality joints. **WILL RIVET FROM ONE SIDE** almost any two materials together. Great for joining plastic-to-metal, metal-to-metal, plastic-to-plastic, and many more. Replaces Screws, Nuts and Bolts, Adhesives, Soldering. You can set rivets in seconds without hammering and without back-up plates. Simply insert rivet into pre-drilled hole, place the RIVETOOL over the other end of the rivet, and squeeze the handle. This clinches the rivet inside and cuts the outside end off clean, leaving a tight, vibration proof joint. Comes complete with a set of assorted size rivets.

Standard Rivetool—Sets 1/8" Rivets only.
333-104E500 12" Standard **$4.98**

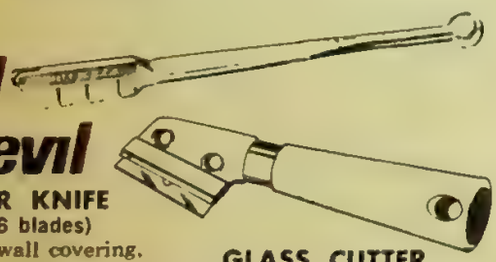
Dual Rivetool—Sets 1/8" or 3/16" diam. rivets.
333-110E720 Dual Rivetool **$5.96**
333-18RE270 Large asst. 1/8" rivets..... **2.00**
333-316RE270 Large asst. 3/16" rivets..... **2.00**

ALLWAY 4-EDGE SCRAPERS

2 straight, 2 serrated edges, each cutting edge 2½" wide. All edges can be mounted at 2 angles for deep or shallow scraping. Tubular steel handle with slip-proof vinyl grip.
911-F42E160 2½" edge **$1.50**

EXTRA BLADES. Fits all makes 4-edge scrapers. Hardened, tempered and ground, 2 serrated, 2 straight edges, each 2½" wide. Flared edges.
911-42E600 2½" edge..... Dozen **$4.20**

Red Devil



RAZOR KNIFE
(with 6 blades)

Trims all wall covering, shelf or packaging paper. Opens packages, trims carpets and handily carves models. Uses any single edge razor. Razor folds in handle for safety.
566-RK1E220 ... **$1.65**

GLASS CUTTER

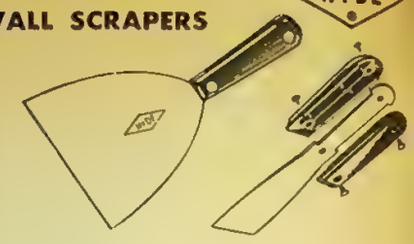
Die cast frame. Well balanced. Comfortable handle. Breaker ball on end. Type "C" wheel; 3 widths of breaker notches 5¼" long.
566-23E90 ..... **$ .75**

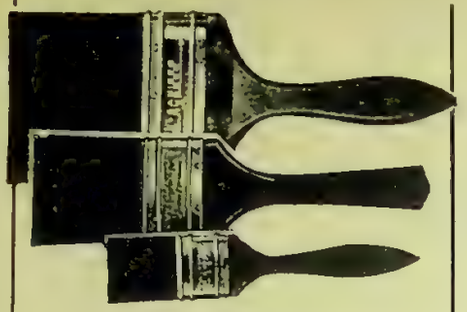
Hardened, tempered, ground blades go clear to end of handle, extend around butt end. Black and silver line for the professional.

502-2S1¼E150	1¼" Stiff	$1.10
502-2S1½E160	1½" Stiff	1.20
502-2S3E200	3" Stiff	1.60
502-2E1¼E150	1¼" Elastic	1.10
502-2E1½E160	1½" Elastic	1.20
502-2E2E180	2" Elastic	1.35
502-2E3E220	3" Elastic	1.70
502-2E4E250	4" Elastic	2.00
502-2E5E300	5" Elastic	2.40
502-2E6E350	6" Elastic	2.75

PUTTY KNIVES & WALL SCRAPERS

HYDE





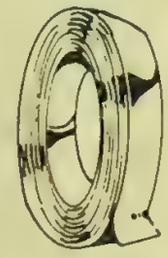
HOUSEHOLD PAINT BRUSH SET

3-Piece set for every brush need around the average home. 100% pure bristle brushes: 1" flat varnish brush, 2" double thick brush, 3" wall brush.
909-123E240 ..... **$2.00**

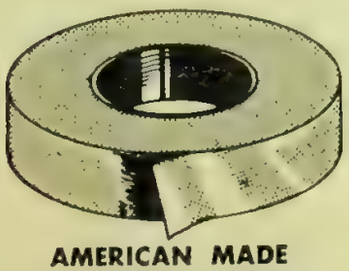
4" NYLON PAINTMASTER BRUSH

Finest 100% DuPont Nylon flagged bristles. 4" long, 1" thick. Smooth lacquered beaver tail handle with nickel plated ferrule.
909-2921E600 4" wide **$4.95**

MORTELL WEATHERSTRIP TAPE



Transparent heavy-duty poly tape applies easily to any clean, dry surface. Ideal for weather-stripping windows . . . invisible on sash. Removes easily. Won't crack or peel. 1" wide, 45-ft.
656-45E150 .**$1.00**



AMERICAN MADE MASKING TAPES

Strong, thin, flexible, easy to remove. 60 yards.
910-3MT34E300 ¾" x 60 yds.
Box of 3 Rolls $2.00
910-MT1½E180 1½" x 60 yds.
Per roll $1.59

MORTITE WEATHERSTRIP

Just press in place . . no tools or tacks. Removes easily for use over and over. Stops unhealthy, fuel wasting drafts. Self adhering, weatherproofs any window instantly.
656-B2E190 90-ft..... **$1.39**

NO DRIP TAPE

Has 3 separate insulating barriers . . . the only tape of its kind! Outside rough strands hold and cool air, preventing condensation. ¼" thickness is air-tight, self-sealing. Inside, it traps dead air.
656-NDTE250 ..... **$1.69**

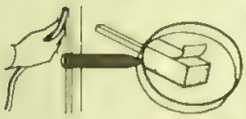
INNERSEAL LIVE RUBBER

Innerseal weather stripping is strong, flexible . . . stops drafts, keeps out cold and dirt for every type of door or window. 17-ft. pack seals an average window or door.
522-1S17E260 ..... **$1.98**

GARAGE DOOR BOTTOM

Made of heavy, durable black rubber especially for overhead garage doors. Easy to install . . . contours to fit almost any shape door. Also acts as cushion when closing.
521-G9E370 9-ft..... **$2.75**
521-G16E630 16 ft..... **4.95**

STICK-ON FOAM RUBBER TAPE



FROST KING SPONGE TAPE is heavy-duty pressure-sensitive reinforced sponge rubber that quiets noisy car doors, reduces rattles, protects furniture. Use it on refrigerator doors, hood lacing around doors, windows. Unaffected by weather. Will not pack down or deteriorate. Just press in place.
521-538E130 10-ft., 5/16" thick, ⅜" W.....**$1.00**
521-734E200 10 ft., 7/16" Thick, ¾" W..... **1.50**

PUTTY KNIFE-WALL SCRAPER

Flexible steel blades, riveted tropical wood handles. Blades ground, polished, tapered. Hanging holes in handles. For patching, filling, seaming.
100-1540E100 1¼" Putty Knife ....**$ .75**
100-1539E160 3" Wide Scraper **1.10**

For linoleum and mat board. Hydex steel blade is specially heat-treated, ground, hand honed. Riveted fibre finish handle. 2½" long blade.
502-300E160 ..... **$1.25**

HYDE LINOLEUM KNIFE

ARROW TACKER STAPLE GUN

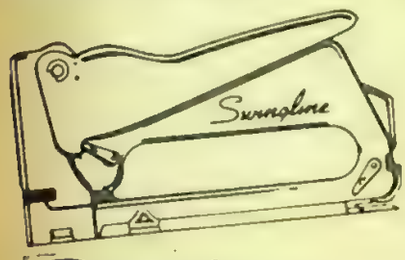
Fast for Light Nailing Jobs . . . Compact

- Streamlined . . . baked enamel finish
- Non-pinch Handle grip
- Shock-absorber bumper
- All steel
- Jam-proof
- High carbon steel parts

9003-T55E1320 Lightweight Gun $9.95
9003-T50E1700 Heavy-duty Gun . . . 12.95
EXTRA STAPLES—Boxes of 5000; .050 wire.
9003-T5014E340 ¼" Staples . . Box $2.50
9003-T5056E360 5/16" Staples . Box 2.65
9003-T5038E380 ⅜" Staples . . . . Box 2.75
9003-T5012E450 ½" Staples . . . . Box 3.25
9003-T5096E480 9/16" Staples . Box 3.50
SPECIAL CEILTILE STAPLES—for all ceiling tile.
9003-CTE120 Box of 1000 . . . . . $ .90
SPECIAL ALL-PURPOSE KIT — T50 Heavy-duty Gun, and 5000 assorted staples.
9003-K50E2100 . . . . . $15.95
DELUXE KIT—T50 Tacker, 5000 asst. staples, plus staple lifter, shade, screen, elec. attach.
9003-K50MPE2380 . . . $17.95

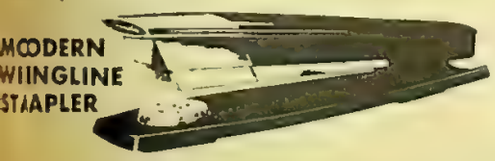
HAMMER TACKER

5 times faster than hammer and nails. Clog-proof. All steel. For roofing, shipping, etc.
9003-HT50E2460 . . . . . $18.50
EXTRA STAPLES—Boxes of 5000; .050 wire.
9003-T5014E340 ¼" Staples . . Box $2.50
9003-T5056E360 5/16" Staples . Box 2.65
9003-T5038E380 ⅜" Staples . . . . Box 2.75
9003-T5012E450 ½" Staples . . . . Box 3.25



Swingline the Hi-Compression STAPLE GUN

With built-in staple extractor. Handiest, quickest, easiest stapler takes 2 sizes—4/16" and 5/16" leg lengths. Locks securely closed. Lightweight, maneuverable — gets within 1/16" of corners. Perfectly balanced. All steel . . . rustproof. Has driving power of machine twice its power and weight.
9004-101E780 Tacker Complete . . $5.95
9004-101SE80 Box 1000 extra staples .70



MODERN SWINGLINE STAPLER

Streamlined, well designed full sized stapler for home or office. An asset to any desk. Colorful enameled steel.
9044-333E1000 $7.95

TRAP DIRT TRACKS AT THE DOOR

Stops dirt before it is tracked in to mark up carpets and floors! One spray makes any door mat or scatter rug a one-step dirt stopper. Removes mud, grease, street grime from soles of shoes like a magnet. When soiled, rug may be washed, re-sprayed. 7-oz. aerosol can.
664-NT7E190 . . . . . $1.29

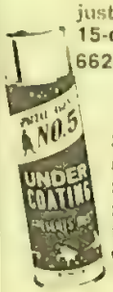
FENDER MENDER

Contains Fiberglass! For all auto body repairs. Use it as a mending and filling compound. Ready to use—just apply and let dry. Makes tough, semi-flexible repairs that will not rust . . . can be painted. For all parts of auto—hoods, trunks, gas tanks, etc. 1½ lb.
651-A22E250 . . . . $1.75

LIQUID WRENCH

Loosens rusted bolts, nuts and screws and parts in seconds, yet is harmless to metals. An outstanding penetrant preferred coast-to-coast by mechanics, farmers, locksmiths, watch repairmen, and do-it-yourselfers. Ready to use in handy spray can . . . just push the button 15-oz. can.
662-L112E210 . . . $1.75

AUTO BODY UNDERCOATING



Special Agent No. 5 prevents rust, deadens sound. Just spray this special coating on repaired body panels and any surface that needs rugged protection. Seals . . . protects. Easy to use.
652-SA5E280 20 fl. ozs. $1.89

BELT GRIP AND DRESSING

Special Agent No. 1 stops V-belts and fan belts from slipping. Just a few quick sprays will add more power, stop squeaking and ease the strain on bearings and bushings. So easy to use. Just spray on.
652-SA1E130 3 oz. . . . . $ .89

HAND STAPLER

Heavy-duty Industrial Stapler used in Supermarkets, Department stores, Dry Cleaners, Florists, etc. Double leverage for sure stapling. Non-jam mechanism. All chromed steel. 2½" reach. Loads 150 staples.
903-P22E900 Stapler $6.50
903-P22SE150 Box of 5000 Staples 1.50

GUTTER AND DOWNSPOUT REPAIR KIT

Save money on repair bills with handy easy-to-use repair kit. A simple application seals out leaks and bridges over rusted areas.
652-GDK100E200 $1.50

FIBERGLASS REPAIR KIT

You can really work wonders with this kit. Fiberglass properly applied is tougher than steel! Use it for repairing rusted out areas . . . to seal leaks on metal, wood, concrete, or fiberglass. 180 sq. inches (12x15) of patching material.
652-FK98E270 . . . . . $1.98

"STOP-SLIP" BELT DRESSING

A few drops of "STOP-SLIP" prevents belt slippage, stops squeaks, increases power on all rubber and leather belts. Softens gummed dirt; removes glaze from surface; provides greater driving efficiency. Will not shrink or stiffen belt. Use for autos, home appliances, power tools, lawn and garden tools.
651-170E130 1½ oz. $1.00

MYSTIC CLOTH TAPE Decorate-Repair in Color

Sticks tight instantly, plastic coated, waterproof — easily wipes clean. Available in black, white, red, green, silver, gold. Specify color.
653-139E310 ¾" x 125"
$2.40 Box of 6 Rolls
653-169E270 1½"x125"
$2.10 Box of 3 Rolls

CUSTOM CHROME STRIP Metallic Plastic Tape

The Self Sticking Plastic Tape That Decorates, Reflects, Enriches

The multiple uses of this giant custom chrome strip is unlimited. It adheres firmly to any smooth surface . . . is waterproof, weatherproof, heat, cold and moisture resistant. Use it for window signs, car decoration, gift wrapping, house numbers, lawn signs, boats, etc.
408-TA20E180 ¾"x20 ft. $1.49

Autos, Trucks Garages

House Numbers

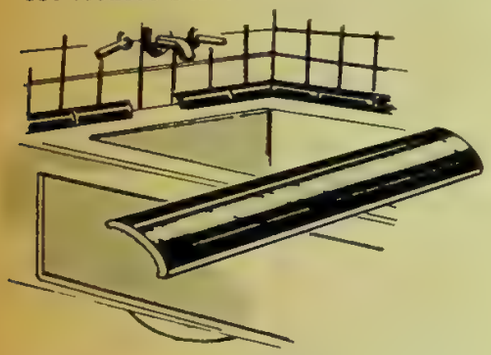
Gift Wraps

Bicycles

WATERPROOF EPOXY SEALER

- Easy to Use—Brushes on Like Paint
- Stops Leaks in Concrete Walls
- Bonds to Concrete, Cinder Block, Brick, Stone, Wood or Steel
- Makes Ceramic-Like Waterproof Coating in Shower Stalls
- Repairs Cracked Steps and Sidewalks and Anchors Railings
- Non-Shrinking—Can be Used to Fill Deep Holes
- Not Affected by Extremes of Temperature, Gasoline, Oil, Etc.

Successfully tested for years under all conditions. Guaranteed to eliminate once and for all wet basement woes. Withstands water pressure of up to 100 lbs per sq. inch. Dries in 8½ hours. Use part or all of can as desired. Devcon Epoxy Sealer may be colored as desired or painted after hardening with rubber base paint. 2 lb. can covers approximately 40 Sq. Ft.
651-190E800 2 lb. can **$5.95**



CERAMIC TILE BATHTUB EDGING

Covers unsightly cracks between tub and wall tiles once and for all! Gives a neat finished appearance to bathroom. No more re-caulking trouble spots around tub's edge. Tile edging seals out dampness that breeds germs, insects. Pack contains tiles (including shaped corners and ends) plus glue to cover 130 inches.
940-B14E1000 Black **$9.98**
940-W14E1000 White **9.98**
940-P14E1000 Pink **9.98**

BLACK NEOPRENE ELASTIC FLASHING CEMENT

Unique product made of neoprene synthetic rubber. Easily applied, it cures in three days to a permanent gasket that will withstand extensive movements of joint or crack. Recommended for closing cracks in masonry, concrete or stucco walls; for roof flashing; for filling joints in plywood or insulation board, for filling cracks in concrete and asphalt driveways.
536-60297E220
8¼" cartridge **$1.49**

CAULKING COMPOUND

8½" Cartridges. The premium caulk. Flows freely at all temperatures, even below freezing. Sets so fast it can be painted within an hour. Synthetic Polymer base—more plastic, easier handling, less shrinkage. For indoors or out.
535-8½WE80 White ..... Each **$ .60**

OPEN BARREL CAULKING GUN

Sturdy pressed steel gun spot-welded for added strength. Smooth-action pistol grip shaped to fit the hand. Powerful ratchet mechanism. Bonderized and attractively finished.
535-28E200 2x8½" **$1.95**

DOW CORNING SILICONE MARINE SEALANT

For tight, waterproof joints. Squeeze-in-place, cure-in-place, stay-in-place sealant looks, feels like organic rubber with rubbery snap and resilience. But, it is not affected from 70° below zero or 500° above temperatures. Stretches and contracts to adjust to shape as needed without losing its bond. Cushions, insulates, too.
657-694E270 3-oz. tube **$1.95**
1/12-gal.cartridge for use with any caulking gun
657-696E700 ..... **4.95**

POLYSEAMSEAL
BOAT OR HOME USE

Permanent, elastic adhesive seam-sealer that does 101 jobs better. Polymer base pure white water-proof sealant for tubs, showers, boat repairs, filling cracks, caulking gutters, leaks.
654-54E250 10 oz. **$1.89**
654-56E160 5 oz. **1.10**

NEW RUST REMOVER

Quickly, easily, safely cleans rusted metal, chrome, aluminum and copper. Removes rust spots on porcelain, yellow spots on refrigerators, ranges. For autos and the home.
651-120E130 ..... **$1.00**

ELMER'S SLIDE-ALL
Improved With Teflon

For windows or doors that stick or bind or squeak, for drawers, even for zippers. Apply to any surface . . . metal, wood, fabric, glass, rubber, etc. Non-greasy, odorless, water-resistant.
653-450E130 4 oz. can **$1.00**

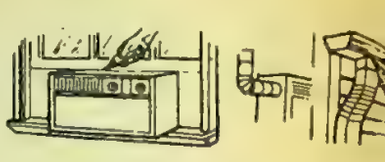
GLASS & CERAMIC ADHESIVE

Welds broken glass, china, ceramic—even fixes ovenware for use to 500°F. Translucent silicone rubber adhesive. Easy to use, holds on contact, sets in four. Noninflammable, heat resistant.
657-698E140 ..... **$1.00**

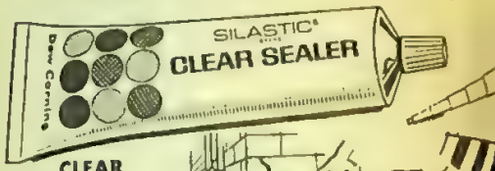
DOW-CORNING SILICONE TUB & TILE CAULK

Seals cracks around shower, sink, tub. Cements plastic, ceramic tile. Dries to tough, waterproof seal that remains permanently flexible . . . will not crumble or discolor. Excess wipes off easily before drying. White.
657-680E270 3 oz. tube **$1.95**

ALUMINUM METAL SILICONE CAULK—GRAY

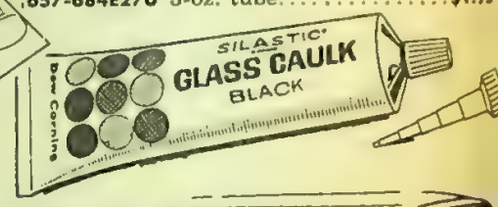


Forms an aluminum gray bead that blends with modern building materials. Adheres to metal, glass, masonry, wood. Unexcelled for filling and waterproofing openings around windows, doors, fans, air conditioners, gutters, etc.
657-685E420 5-oz. tube **$2.95**

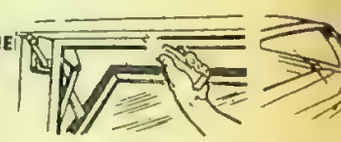


CLEAR SILICONE SEALER—STOPS LEAKS

A transparent bead that is all but invisible, adheres to metal, glass, masonry, wood, canvas, rubber. Ideal for repairing basement wall cracks; awnings, tents, tarpaulins; rubber, plastic garments; windshields.
657-684E270 3-oz. tube **$1.95**



BLACK SILICONE GLASS CAULK



Adheres to glass, metal, rubber, masonry, wood. Ideal to secure regular, storm windows, to seal vents, flashing, to bond models, or to waterproof auto lights. Provides an unexcelled waterproofing bond.
657-686E270 3-oz. tube **$1.95**

DURO PLASTIC PORCELAIN

REPAIRS PORCELAIN WHICH HAS BECOME CRACKED, CHIPPED OR WORN DOWN TO THE BARE METAL

White Porcelain in liquid form. Waterproof, heatproof, chip-proof. Air dries to a tough vitreous kiln-hardened-type finish. Ideal for repairing or touching up cracked, chipped or worn spots on all types of white appliances and equipment.
652-PP1E130 ..... **$1.00**

WELDWOOD CONTACT CEMENT
1001 USES AROUND THE HOME

Every household will want to keep one or more sizes handy of this amazing new adhesive that needs no clamps or presses. Bonds instantly, permanently on contact. So strong it puts up plywood panels without nails! Resists water. Weldwood Contact Cement in house and garage . . . for repairing leather belts, luggage, brief cases . . . for installing stair treads . . . for repairing rainwear, rubber footwear, beach bags . . . for repairing or installing weather stripping on doors and windows in home, or on autos and trucks . . . for bonding paper, wood, wood veneers, Weldwood Hardboard, Tekwood, leather, canvas, cloth, etc.

650-C3E120 3-oz. bottle ..... $ .85
650-CPE200 Pint can 1.45
650-CQE300 Quart can 2.45

WELDWOOD PLASTIC RESIN GLUE

Makes Joints Stronger Than Wood Itself
Can be mixed with plain cold tap water. Spreads easily. It is water-resistant, bacteria and rot-proof, stain-free on all the woods. Strongest wood glue made.

650-W8E130 8 ozs. ..... $ .85
650-W16E150 16 ozs. 1.15

WELDWOOD PRESTO-SET GLUE

In every home and workshop, there are hundreds of uses for gluing and bonding with new, improved Weldwood Presto-Set Glue: wood to wood . . . wood to cloth . . . leather to leather . . . leather to wood . . . book binding and repairs fabricating or repairing furniture . . upholstery fabrics to wood, etc.

9¼ oz. Squeeze Bottle
650-P9E160 .....$1.00
Pint Squeeze Bottle
650-PPE240 ..... 1.80

PLASTIC STEEL

Real steel in a unique paste form that lets you quickly, easily, effectively repair pipes, toys, lamps, rain gutters, pails, auto-radiators, etc. Dries to a hard, tough, rust-proof metal. Bonds firmly to a moisture resistant finish. Ready for instant use . . . almost like having liquid steel, it's that easy.

651-LS1E130 .....$1.00

DURO PLASTIC ALUMINUM

The original "Metal in Putty Form." Apply it cold and it hardens into metal . . . adhering to metal, wood, concrete, even glass. Seals, solders and repairs in one application. Has hundreds of uses. Proven performance.

651-40E130 5½-oz. tube $1.00

DURO PLASTIC RUBBER

Liquid rubber in putty form chemically vulcanizes to any kind of rubber without heat. Dries soft and elastic . . . never becomes dry or brittle. Use it right from the tube. Perfect for household repairs, autos or boats.

651-10E130 4-oz. .$1.00

DEVCON PLASTIC STEEL

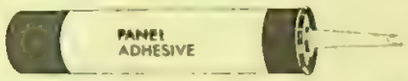
Repairs pipes, sinks, stoves, any metal! Pours on, molds as easily as clay, dries to steel in 2 hours. Permanent, non-shrinking, acid and corrode-proof. One jar plastic steel and one vial hardening agent.

651-R4E130 2-oz. Kit $1.00
651-R3E500 16-oz. Economy Kit .. 3.95

2 TON EPOXY SUPER GLUE

So strong a single drop supports 2 tons!! Ideal for all porcelain and appliance repairs. Hardens to a clear, clean finish. Waterproof, non-shrinking. Bonds metals, woods, porcelain, glass. Satisfaction guaranteed by manufacturer.

Dries clear
651-35E138 .....$1.00
Dries white
650-30E130 .....$1.00



PANEL ADHESIVE

For installing plywood paneling quickly and accurately without face nailing—without unsightly nail holes, hammer dents or surface damage.

Permits realignment of panels — Holds panels securely to studs or furring strips— No marring of panel or finish. Coverage: One tube bonds five to six 4' x 8' panels.

650-PA10E260 10½ fluid ounces $1.89

GENUINE PLASTIC WOOD

Waterproof paste form of wood. Applies like putty, hardens into wood. Non-crack, chip. Natural color.

655-8596E70 ¼ lb. can ..... $ .50
655-8597E120 1 lb. can 1.00
655-8585E60 Solvent ..... .40

RESORCINAL WELDWOOD GLUE

Resorcinol Glue—Waterproof! For an absolute waterproof bond in boats, ships, aircraft, golf clubs, fishing tackle, repairs in basements, outdoor furniture, toys, etc. Withstands cold or boiling water, tropic heat, sub-zero cold, acids, steam, mold, rain, snow, etc.

650-R4E180 ¼ Pint $1.20
650-RPE460 1 Pint 3.45
650-RQE660 1 Quart 5.45

Makes the toughest gluing job as easy as A.B.C. Insert the glue stick into rear of gun, push glue stick with thumb to get hot melted glue to flow from tip and press the glued surfaces together. In 60 seconds you have a tight bond. No clamping. Does instant-set caulking with white sealer sticks.

333-201E980 ..... $7.95
Extra Package 7 Sealer Sticks
333-211E70 .....$1.00
Extra Package 7 Glue Sticks
333-210E70 .....$1.00

DEVCON PLASTIC MENDER

The All-Purpose Plastic Adhesive that makes invisible mends on most plastics, bonds china, glass, paper. Dries quickly to a flexible, waterproof finish. With patch to repair large tears. For pools, rainwear, toys.

651-110E110 1½ fl. ozs. $.69

DEVCON EPOXY ENAMEL

Pure White Porcelain - like Enamel for renewing bath and kitchen fixtures, appliances, walls, furniture, tile, counter tops. Tremendous adhesion to ceramics, porcelain, metal, wood, plaster, concrete. Produces a non-porous epoxy resin finish. 16-oz. Spray.

651-1E420 .....$2.95

FURNITURE ADHESIVE

"GRIP-WOOD"

Makes super-strong, permanent repairs — dries clear. "Grip-Wood" swells wood and locks wood fibers in place; sets up fast for maximum holding strength.

Can be used for all types of household repair jobs. Also can be used on veneer, paper, cloth, canvas, leather, pottery or any porous surface.

651-160E110 3½ oz. $.75

ELMER'S WHITE GLUE-ALL

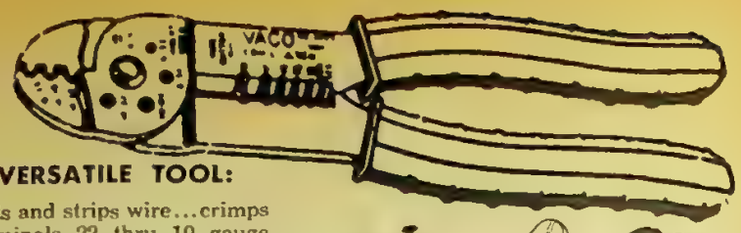
Ready-to-use plastic adhesive that dries quickly, forming a clear, transparent bond. Unmatched for interior wood, pottery, paper, leather, cloth, and gluing of other porous materials. Plastic squeeze bottle with applicator tip—no mess

653-379E130 8 ozs. $1.00
653-371E230 16 ozs. . 1.79

NEW 8 IN 1 OCTO-LET UNBREAKABLE POLYPROPYLENE

Constructed of the finest, safest materials. The internal gripping contacts are of rugged PHOSPHOR BRONZE, for positive electrical contact. OCTO-LET is simple to mount to any surface (wall, bench, baseboard, etc.) Screws are provided for this purpose. The unit may also be used without mounting with portable equipment (such as photographer lights, etc.) How many instruments or appliances can be used simultaneously is dependent on the total wattage consumption of the various apparatus in operation. Complete with mounting wood screws, 110/120 V., AC/DC, 15 amps, 1500 watts.

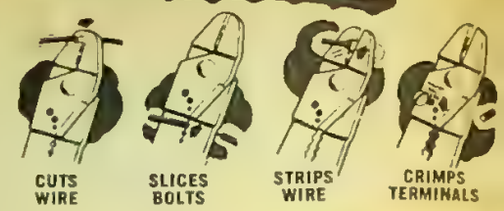
408-OL8E300 ..... $3.50



VERSATILE TOOL:

Cuts and strips wire...crimps terminals 22 thru 10 gauge . . .and slices 6 sizes of bolts (4-40, 5-40, 6-32, 8-32, 10-32, and 10-24) to any length you desire . . . all with ONE TOOL.

Crimping Tool
306-1963E690 ..... $4.95
41 Assorted Terminals
306-2209E150 1.00



WIRE STRIPPER-CUTTER

Ideal for all commonly used solid or stranded wire . . . makes it the handiest wire stripper of them all. Hardened, ground steel. Adjustable cam for setting of all wire sizes.

350-68E160 $1.25

SILENT MERCURY G.E. SWITCH

10 amp. capacity at 115 volts. Totally soundless. No springs, no blades, no arcings to wear out contacts. Enclosed—dust-proof. UL listed.

170-241E150 $1.20

RETRACTABLE 15 FT. OUTLET REEL

Plug into any outlet, unreel cord to where job is (it locks in place) and have 3 outlets for several tools at your fingertips. Retracts automatically. Heavy duty 16 gauge wire.

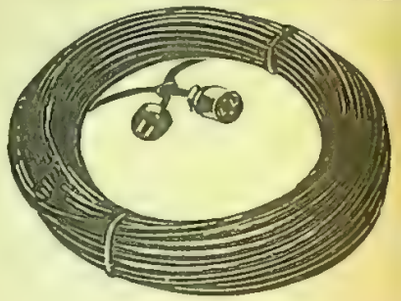
165-510E1190 ..... $8.95

WEATHERPROOF LOCK COVER

For use with standard duplex receptacle or combination receptacle and switch. Safety locking cover is shock-proof. Die cast aluminum. A must with kids.

528-SLICE600 $4.50

HEAVY DUTY 14-GAUGE EXTENSION CORD



2-wire 14-gauge copper wire with UL approved connectors and Du-Pont neoprene jacket—oil, acid, scuff-proof. 600-volt insulation, steel armor.

167-21425E400 25 feet $3.50
167-21450E580 50 feet 5.50
167-214100E1000 100 feet 10.00

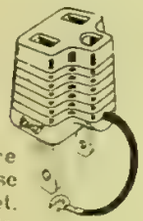
2-wire 18 gauge extensions — 5 amps.

166-218-25E270 25 feet $2.00
166-218-15E200 15 feet 1.50

4-IN-1 PERMA-PLUG

Easily, instantly converts any standard outlet into 4 permanent outlets. Just plug in . . . childproof.

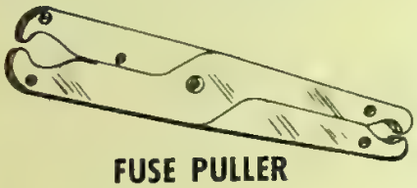
175-894E120 $.89



U-BLADE ADAPTER

Adapts a 3-wire cord so you can use it in a 2-wire outlet. 15 amps., 125 volts. Precision made.

168-400E50 ..$.75

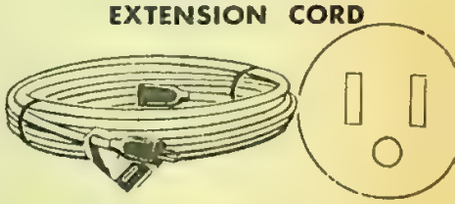


FUSE PULLER

A safety necessity . . . has a 5-piece lamination of heavy fibre of the highest electrical insulating quality. Good for use on fuses up to 600 volts!

528-FP21E120 7½x2" $.90

16-GAUGE 3-PRONG EXTENSION CORD



3-conductor flexible quality cord. With UL approved connectors.

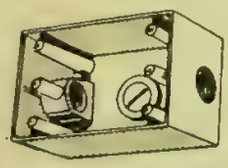
25'—16 Amps
168-316-25E520 ..... $3.95
50'—12 Amps
168-316-50E940 ..... 6.95
100'—8 Amps
168-316-100E1650 ..... 12.95

3-Wire 14-gauge extension cord.
50'—15 Amps
168-314-50E990 ..... $9.49

DUPLEX OUTLET

Duplex "U" ground receptacle with weatherproof cover in die-cast aluminum outlet box.

528-T35E540 ..... $4.10
Same, without outlet box.
528-81E300 ..... $2.50



OUTDOOR OUTLET BOX

Heavy die cast aluminum for use with standard switches or receptacles with weatherproof covers.

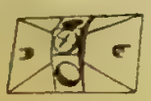
528-T11E190 ..... $1.30

FRICTION TAPE

High grade tape guaranteed fresh. All-purpose tape for electrical wiring, etc. Put up in 8-oz. rolls. ¾" wide. *Box of 5 rolls.*

600-1108E250 $2.00

WEATHERPROOF ALUMINUM COVER



With gasket. For use on Gem boxes or "FS" type boxes. Heavy-duty die cast cover. ½" tapped holes for flood light holder. 3-gang cover.

528-C3E170 ..... $1.30

WEATHERPROOF ALUMINUM COVER

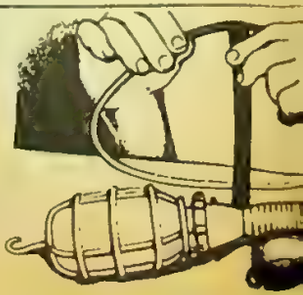
With ½" holes tapped for 3¼" or 4" round boxes. Will hold 1, 2, or 3 flood lights. Heavy duty die cast construction. 3-gang outlet cover.

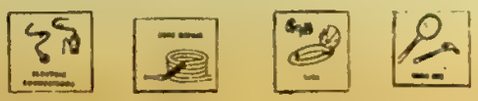
528-Y3E140 ..... $1.10

PLASTIC ELECTRICAL TAPE

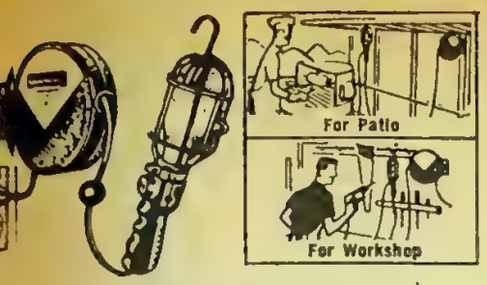
For home, industrial wiring jobs, non-electrical tool, garden-hose repairs, etc. Equally good for toys, sport goods repairs.

600-66E100 60 ft. x ¾" wide..... $1.00





NEW *Cordomatic*



HANDY-LITE REEL

7 Amps unit with convenience outlet on 200-ft. cord. Reel out to any desired length too light any area. Locks . . . retracts instantly. 180° swivel for full 360° rotation. Pistol grip handle, swing open bulb guard. UL approved cord. With ceiling-wall mount hardware.
1 65-500E1320 ..... $9.95

TROUBLE LIGHTS

Nothing like it at any price! Handy for home, garage, basement. Double outlet and switch in handle. Heavy duty guard with quick bulb-change feature. Hook for hanging close to work area.

166-25TE300	25 ft.	$2.50
166-50TE480	50 ft.	3.50
166-100TE640	100 ft.	6.00

PHOTO-ELECTRIC LAMP-LIGHTER

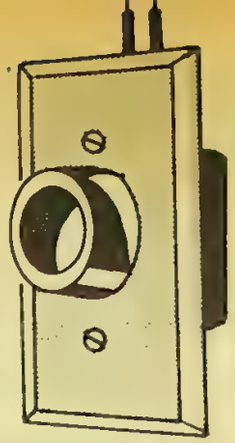
Turns lights on at dusk, off at dawn when you are away

Discourages burglars when you are away . . . lets you come home to a well-lighted, bright house. Plug into any 110V AC outlet, then plug any lamp into Lamp Lighter. Turns lights on every night, off every morning month after month automatically.
557-668E1000 ..... $13.95

AUTOMATIC CLOSET LIGHT

Never again need you fumble around in a dark closet! This handy device provides "magic" instant illumination every time you open the closet door. Close door, light goes off automatically. No wiring needed! Attach to door frame, plug into AC/DC outlet.
408-CL110E280 ..... $2.98

CHARM-LITER ELECTRONIC DIMMER SWITCH

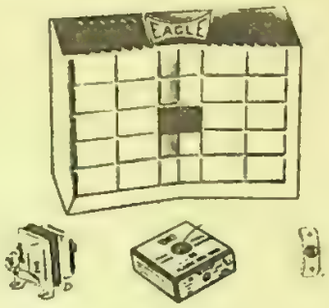


Full wave control assure instant light control from dark to full bright. Lets you turn lights on and off without disturbing dimmer setting.

Compact wall unit dials your light mood from a soft glow to full bright, and push-button on/off lets you maintain setting. Installs easily. Fits old and new single wall Gem boxes. 60 to 600 watt capacity. For any incandescent bulbs. With instructions. *All 120 V. AC.*
172-600E990 600 watts $15.95

INDUSTRIAL MODELS—Fits double gauge switch boxes.

172-1200E4800	1200 watts	$39.95
172-1800E10800	1800 watts	89.95
172-2400E15600	2400 watts	129.95



DOOR CHIME KIT

- Double Note Front Door
- Single Note Back Door
- Everything Included

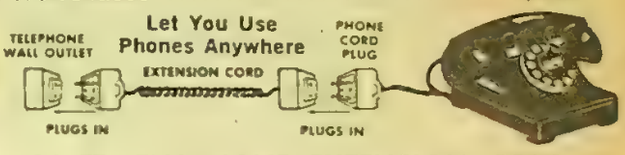
High fidelity tones announce callers. Smartly designed break-resistant plastic cover. White Pearl. Includes 16V Handi-Mount transformer, push button, plastic ball wire.
170-664E1080 Complete $9.50

SINGLE POLE SWITCH

With weatherproof cover. 125 volts, 10 amps.; 250 volts, 5 amps.
528-T30E400 W/outlet box $3.00
As Above, without outlet box.
528-W1E210 ..... $1.70

TIMED EXTENSION CORD

A time switch, extension cord and three-way convenience outlet. The "TEC-4" automatically turns "OFF" the TV, heating pad, table lamps, Christmas tree lights, etc. One popular use is in conjunction with a Hi-Fi Set and Tape Recorder, turning them both "OFF" after a pre-determined interval up to 4 hours. Can also be used as a conventional extension cord. Rated 10 amps—125V AC.
176-TC4E980 ..... $6.95



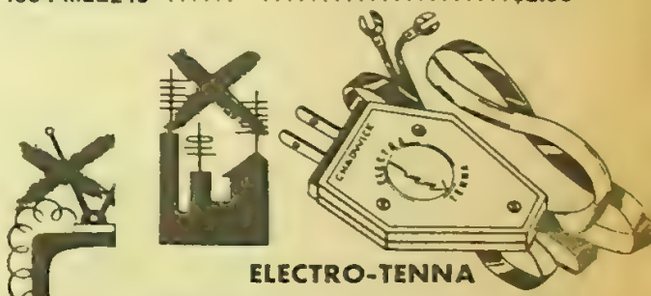
30-FT. TELEPHONE EXTENSION CORD

Plug extension cord into existing wall socket (jack) and plug telephone into the other end! Lets you bring phone to any room in the house, or even outside to garage or patio. Makes all calls private and eliminates need to run back & forth to phone.

408-TEL30E500	30' Complete Ext.	$7.98
408-TEL-JKE220	Female Outlet only	2.49
408-TEL-PLE220	Male Plug only	2.49

TV 2-SET ANTENNA COUPLER

Lets you operate 2 TV's from present roof antenna. For color, black and white, UHF, VHF. Weatherized, guaranteed. Effective interset isolation.
408-PM2E240 ..... $2.98



ELECTRO-TENNA

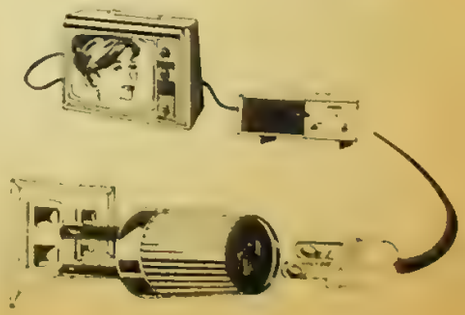
Eliminates Indoor & Outdoor Antennas
Utilizes Wiring in Your House Instead

Just attach one end of this amazing new electronic device to your TV set, plug the other end into any outlet and instantly you'll enjoy super-clear reception . . . even on "fringe" channels. Uses no current, never interferes with other appliances. Eliminates need for "rabbit ears" or outside antennas. Costs no money to use, never needs replacement and it's guaranteed to give you a sharper picture!
408-TV110E280 ..... $2.95

TV FILTER

END BUZZING, CRACKLING TV

New jumbo-sized Powerhouse Noise interference filter stops radio and TV noises caused by motors, household appliances, neon signs, oil burners, etc. Easy to install—simply plug radio or TV into filter outlet, and plug filter into wall outlet. Clear listening pleasure is yours again . . . buzz-free reception guaranteed!
610-12292E150 ..... $1.25

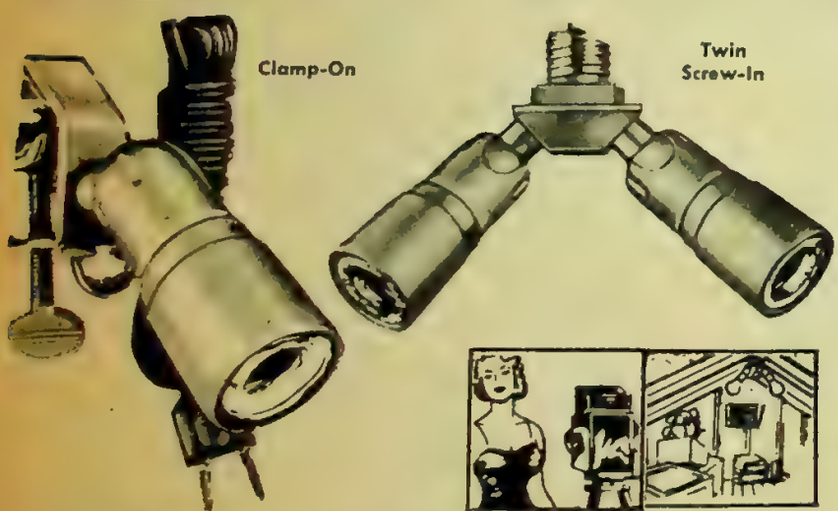


COLE ALL-PURPOSE WORK LAMPS

Ideal for office, drawing board or work areas at home. Handsome, rugged and perfectly balanced. Adjusts to and "stays put" in any desired position. Lights entire work area; eliminates glare and shadows. U.L. Approved. Springs never lose tension. Extends to 45". Comes with non-tilt clamp on bracket. Choice of gray, tan or black.

Ⓐ Ideally suited for the average work area. Takes regular bulb.
902-70E3990 ....$28.95

Ⓑ Can't be equalled for maximum light reflection. Holds two 15 watt fluorescent tubes.
902-71E5400 .....$38.50



ADJUSTABLE LIGHTING FIXTURES . . . FOR INDOOR OR OUTDOOR USE

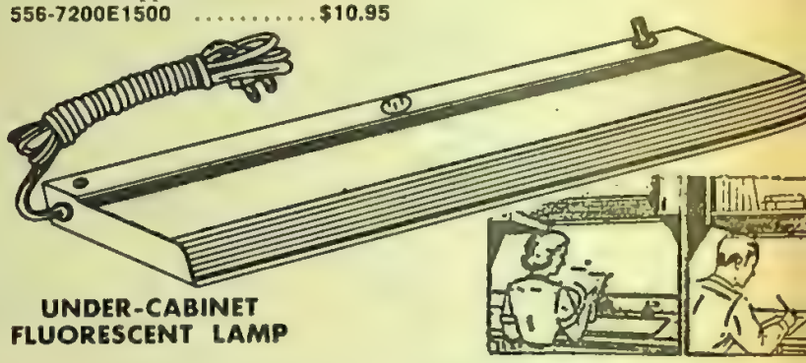
Bright, intense light fixtures for brilliant room lighting, sun lamp or photography.
Twin Screw-In screws into socket like a bulb.
527-DD-2E720 .....$4.95
With Flat Plate wired for 3" or 4" boxes.
527-AA-1E480 .....$3.25
Clamp-On to 1" sq. or round surface. Felt-lined.
527-FF-1E650 .....$4.50

tensor®

HIGH INTENSITY GLARE-FREE LIGHT

Tensor, the perfect study lamp. Eliminates eye strain and provides the maximum in reading comfort. Flexible arm can be twisted to virtually any position. All-metal construction. High-low switch gives light equivalent to a 150-watt conventional desk lamp. Bulb (#93T) supplied. Life-time guarantee. Underwriters Laboratories, Inc. listed and C.S.A. approved.
556-7200E1500 .....$10.95

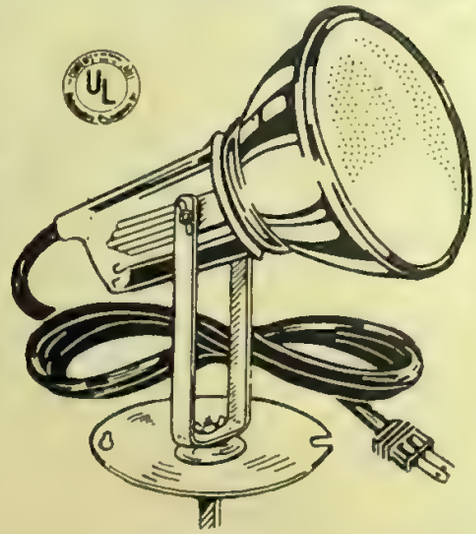
Most brilliant portable lamp made. Folds to a compact 6" pocket size to travel easily. Sheds light wherever needed. Shade swivels full 360°. Gives light equivalent to a powerful 150-watt lamp from its standard pure-white, glare-free GE bulb. Extends 5" to 15". 2000 hr. bulb included.
610-22E790 .....$8.95



UNDER-CABINET FLUORESCENT LAMP

Easy to Install in home or office. To illuminate areas or create dramatic indirect lighting effects. Install under tables, cabinets, over work areas, beside mirrors, etc. White enameled aluminum. 5"Wx18"Lx1¼"D.
524-3151E1100 With Outlet $7.95

OUTDOOR WEATHER-PROOF GARDEN LAMP



- For Year Round Use
- Weatherproof with Porcelain Socket
- All-Aluminum
- Dual-Mount Base
- Plugs in Anywhere

All-purpose lamp holder for year 'round use indoors or outdoors. All aluminum; porcelain socket . . . light, rust-proof, weather-proof. Type S J T plastic-jacketed cord, molded-on plug. Uses par 38 or R40 bulbs (not incl.) Base plate + spike.
175-22E270 .....$1.98

CLAMP-ON 5" FLOODLIGHT

Floodlight for use in garage, showroom, photo & art studios, home patio, farm and industry. Has 6-ft. all-rubber cord, 5" aluminum reflector, double ball swivel for instant adjustment to any angle. Nickel plated clamp has non-slip rubber grips.
166-104E360 .....$2.95

DREMEL ELECTRIC ENGRAVER

For Glass, Metal, Stone, Wood, Plastic. Permanently engraves names or identification numbers on anything from hardened steel to glass. For tools, dies, production parts, sporting goods, jewelry, garden tools, etc. Calibrated stroke adjustment for stroke depth. With hanger tool, carbide point. 110V AC motor—7200 spm.

Engraver, Carbide pt., Case
1105-290E1990 ..... $14.95
Diamond engraving point
1105-9929E1100 ..... 7.50

DRY CHEMICAL FIRE EXTINGUISHER RECHARGEABLE

U.S. COAST GUARD APPROVED FOR MARINE, TRANSPORTATION, INDUSTRIAL USE

- Visual Gauge
- Smothers All-Types of Flame Instantly

Maximum UL rating class C and B., U.S. Coast Guard approved. Squeeze handle and harmless dry powder smothers all types of flame instantly. Visual gauge, all steel construction. Complete with mounting brackets.

CP2¾E1400 2¾ lbs. . $11.25
CP5E2780 5 lb. . 19.05
CP10E8000 10 lb. 59.00

PRESTO EXTINGUISHER

Contains new wonder chemical, CB (Chlorobromomethane) laboratory tested to be up to 6 times more effective than other common extinguishing agents. Turn of knob provides instant action.

934-4DBE660 4 ozs. $4.95
934-8DBE930 8 ozs. 6.95

FIRE EXTINGUISHER

Instant-action. For electrical, oil, grease, paper, rubbish fires. Pressurized spray for instant action. 16 ozs.

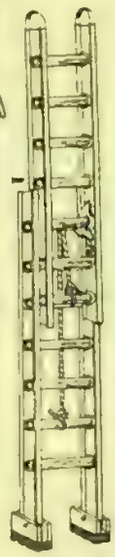
659-HD14E210 ..... $1.75

BVI—BURGESS ELECTRIC PENCIL

- Use Like An Ordinary Pencil
- Permanently Engrave Almost Anything You Own

Marks jewelry, purses, glassware, gifts, appliances and household equipment. Puts names on bicycles, camp equipment, pocket knives, baseball bats, school supplies, toys. NO PROFESSIONAL SKILL NEEDED . . . just guide like a pencil! Built-in motor permanently engraves steel, glass, plastics, wood—any hard or semi-hard material. Complete, ready to use. Just plug into AC outlet. Handy adjustment dial regulates depth of engraving.

112-69E1100 ..... $8.98



AIR-LIGHT ALUMINUM EXTENSION LADDER

- Rounded Ends
- Easily Adjusted
- Skid-Proof Rungs
- No Welds or Rivets
- No Sharp Corners
- Rungs Match—Provide More Standing Room
- Guaranteed Construction
- Positive Locking
- Rungs Won't Turn, Bend
- "U" Shape Channel
- Non-Slip Shoes

"U" channel siderails of 61ST aluminum alloy. Rounded ends prevent damage to walls. Positive acting automatic steel locks. Rungs are hydraulically expanded twice. 1¼" diam. rungs, 3" side rails. With rope and pulley.

507-820E	3600	20-ft. 21 lbs.	$29.50
507-824E	4500	24-ft. 24 lbs.	35.00
507-828E	5200	28-ft. 28 lbs.	40.00
507-832E	7200	32-ft. 41 lbs.	59.50
507-836E	7900	36-ft. 46 lbs.	69.50
507-840E	8800	40-ft. 52 lbs.	75.00

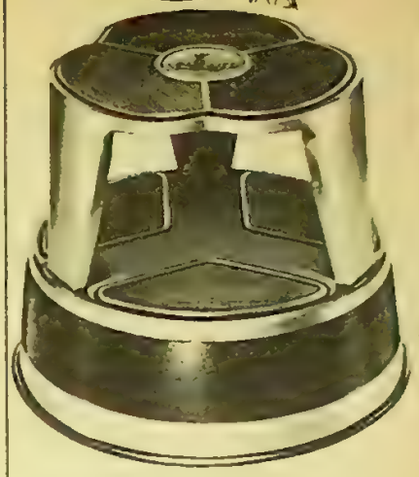
ZIP-A-WAY STAIRWAY

STAIRWAY LOWERS AT TOUCH OF A FINGER

New and unique convenience stairway closes up into an air-tight ceiling panel of fir plywood you can finish to melt right into ceiling floor. No drafts, dust can get through. A finger-touch on tempered positive-action springs, and stairway lowers . . . Needs no weights or balances. Extra-thick rails and steps are truss rodded and permanently attached. For 7' to 9' ceilings: opening 25½x54".

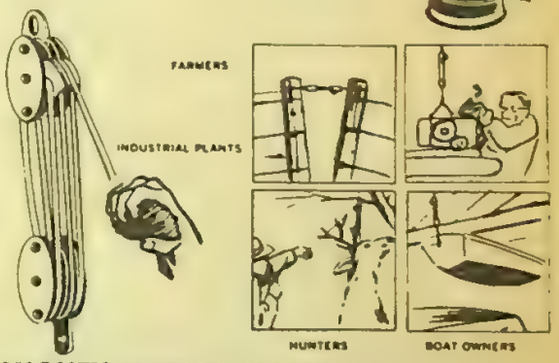
[illegible]-453E4400 60 lbs. $39.95

KIK STEP



Revolutionary, safe, easy way to reach high and low places . . . makes you 14" taller. Step stool that is right where you want it without lifting and carrying . . . a toe touch and Kik-Step rolls anywhere. Step up and casters retract while base locks securely to floor. As a seat, it's a back-saving way to handle "low-down" jobs. Base 15¾" diameter, Top 9" diameter. Baked enamel finish. Sturdily constructed of heavy gauge steel.

936-KS1E2200 ..... $19.95



MIGHTY MARVEL HOIST LIFTS 2,000 LBS. . WEIGHS LESS THAN 1 LB.

12-foot lift with 7 to 1 ratio . . . 2,000 lbs. test! Improved Mighty Marvel Hoist offers safe, economical, one-man handling for over 1,001 types of loading and lifting tasks. Superbly strong, yet small and light . . . Easily fit for carrying in packs, tackle and gear boxes, tool kits, auto trunks or attached to belts.

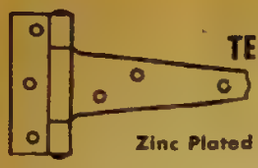
932-2E1660 ..... $12.95

PORTABLE MANUAL HOISTS

TESTED TO 50% OVERLOAD

Automatic notch-at-a-time control. Weighs only 6½ to 7½ lbs., but outworks large, clumsy, heavy hoists. Rust resistant aircraft cable, cadmium plated steel frame and steel parts. Manganese bronze fittings. One man can lift, lower, stretch or pull up to 4000 lbs. quickly, easily, safely with these hoists.

Number	Cap., tons	Max. lift, feet	Diam., cable, feet	Leverage	Wt. lbs.	Price
933-72E3200	1	6	3/16	18:1	6½	$23.00
933-144E3500	1	12	3/16	18:1	7	25.00
933-216E3780	1	18	5/32	18:1	7½	27.00
933-71AE4800	2	6	3/16	36:1	7½	35.00



LIGHT TEE HINGES

Zinc Plated finish.

517-525-3E80 3" . . . . . Pair $ .60
517-D525-3E740 3" Dozen Pair 6.00
517-525-4E90 4" . . . . . Pair .80
517-D525-4E900 4" Dozen Pair 7.20

ZINC PLATED LIGHT STRAP HINGES

517-526-3E80 3" . . . . . Pair $ .60
517-D526-3E740 3" Dozen Pair 6.00
517-526-4E90 4" . . . . . Pair .80
517-D526-4E990 4" Dozen Pr. 9.60

HINGE HASP

Brass plated. 2" long, ¾" wide.

517-245E40 . . . . . Each $ .30
517D245E320 . . . . . Dozen 2.40

ZINC PLATED SAFETY HASP

517-246-2E50 2½" Hasp. Each $ .35
517-D246-2E440 2½" Hasp Doz. 3.60
517-246-3E70 3" Hasp . . . Each .50
517-D246-3E620 3" Hasp Doz. 5.00
517-246-4E80 4" Hasp . . . Each .60
517-D246-4E800 4" Hasp Doz. 6.00

HEAVY TEE HINGES

Extra heavy wrought steel—zinc plated. For all exterior use. With screws.

Number	V-Lgth.	Pad Size	Pair
522-908-5E280	5"	3⅛x1-9/16"	$2.02
522-908-6E300	6"	4½x1¾"	2.20

3" HINGE HASP

Wrought steel, bright zinc plated. Full surface application. Pad may be bent to suit installation. With screws.

Number	V-Lgth.	Width	Each
522-912E80	3"	1⅛"	$ .60

HEAVY STRAP HINGES

Heavy wrought steel, bright zinc plated. Rust-resistant ext. type. Screws.

Number	V.Lgth.	Width	Pair
522-902-5E220	5"	1¾"	$1.60
522-902-6E260	6"	2-7/16"	2.00

BACK FLAP HINGES

Made of wrought steel, satin brass finish. Fast spun pin. 1½" long, 3-7/16" open width.
522-814E130 With screws. Pair. $ .89

LIGHT PATTERN NARROW BUTT UTILITY HINGES

WITH FAST PIN

517-666-1½E50 1½" . . Pair $ .35
517-D666-1½E420 1½" Dz Pr 3.60
517-666-2E60 2" . . . . . Pair .45
517-D666-2E480 2" Doz. Pr. 4.20
517-666-2½E70 2½" . . . Pair .50
517-D666-2½E600 2½" Dz Pr 5.00
517-666-3E80 3" . . . . . Pair .60
517-D666-3E720 3" Doz. Pr. 6.00

WITH LOOSE PIN

517-667-1½E50 1½" . . Pair .35
517-D667-1½E420 1½" Dz Pr 3.60
517-667-2E60 2" . . . . . Pair .45
517-D667-2E480 2" Doz. Pr. 4.20
517-667-2½E70 2½" . Pair .50
517-D667-2½E600 2½" Dz Pr 5.00
517-667-3E80 3" . . . . . Pair .60
517-D667-3E720 3" Doz. Pr. 6.00

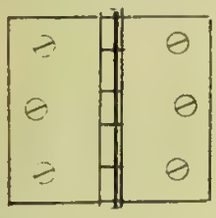
MEDIUM CABINET HINGE

Satin Brass Plated

Narrow Loose Pin

For doors, cabinets, bookcases. Wrought steel. With screws.

Number	Lgth.	Open Width	Pair
522-295-2E120	2"	1-9/16"	$1.00
522-295-2½E140	2½"	1-11/16"	1.10
522-295-3E160	3"	2"	1.20



DOOR HINGE

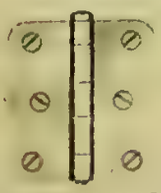
Satin Brass or Brite Nickel Finish

Wrought steel. For all interior wood doors 1⅜" to 1¾" thick.

Number	Size	Finish	Each
522-741F3E70	3x3"	Brass	$.49
522-741F3½E80	3½x3½"	Brass	.52
522-741F4E90	4x4"	Brass	.60
522-741N3½E120	3½x3½"	Nickel	.85

SPRING HINGE

Fully adjustable. Loose pin screen hinge . . . set for fast or slow door closing. Satin brass finish wrought steel. 2¾" sq. open size. Screws.
522-2154E140 . . . . . Each $1.10



Half Surface — Door thicker than jamb

Door thinner than jamb

SCREEN-STORM DOOR HINGE

Full surface. Round corner, loose pin hinge with 1 leaf countersunk on both sides for half or full surface application. Steel, rust-resistant zinc finished. With screws.
522-1751E90 3"x2¾" . . . . . $ .65

SCREEN DOOR HINGES

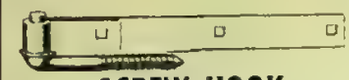
3" long, 2½" wide. Made of steel, zinc plated to resist rust. Durable. Brass or black.

517-75E100 . . . . . Pair $ .80
517-D75E900 Dozen Pair 8.40

Applied

¾" FOLDING SCREEN HINGES

Satin brass plated wrought steel. Double-acting hinge for 2-way ¾" thick wood screens. 1¾" long.
522-875E170 . . . . . Pair $1.20



SCREW HOOK AND STRAP HINGE

Zinc plated heavy duty steel. For gates, etc., designed for use with cedar posts. ½x4" screw hook; 1¼x6" strap. With screws.
522-951E420 . . . . . $2.95

GATE LATCH

Gravity Type

Self latching for single action gates, cellar doors, animal coops. Rust, weather-resistant zinc finished steel. Projects 2".
522-1261E130 . . . . . $ .90

THUMB LATCH

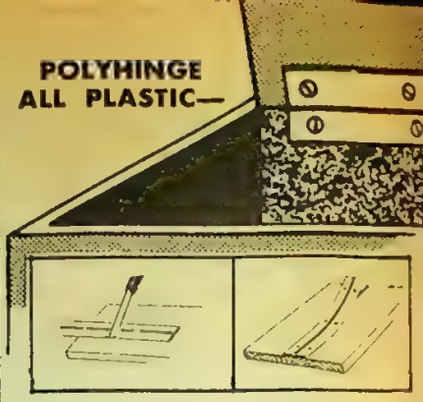
Heavy duty

Heavy steel, bright zinc plated. For all doors from ⅝" to 1¾". Non binding latch bar. Handle is 6⅝" long. With screws.
522-1260E270 . . . . . $1.80

GATE LATCH

With 2 Strikes, Screws

Heavy steel, weather-resistant zinc finished. Double or single action. For top of gate. Long-life brass spring, rivet. 6" long overall. For in, out, or dual swing.
522-1267E230 . . . . . $1.59



POLYHINGE ALL PLASTIC—

ALL PURPOSE HINGE

Newest concept in continuous hinges. Easily cut to any length with a sharp knife. Completely rustproof and colorfast. Will not rattle, squeak or bind. Can be nailed, riveted, screwed or stapled. Tested for over 1,000,000 flexes without failure. Ideal for tackle boxes, cabinets, tool chests, panel doors, lids, drop leaf tables. Use in continuous length or as butt hinges. Comes in 4 foot length. 1½" wide.
568-124E300 . . . . . $1.98

NEW IMPROVED 5 KNUCKLE HINGE

NO MORTISE FASTINGE

NO MORTISING . . . EVER
No recessing in either door or jamb.

SELF-ALIGNING
New, patented offset assures automatic self-alignment.

SELF-GAPPING
Metal thickness assures required gap automatically.

The "Fastinge" exclusive design eliminates need for mortising or chiseling—ever. It is the only hinge of its kind in the world, with many advantages over ordinary hinges.

Two Brass plated hinges per pack

565-VB25E80 . . . . . $ .60 pair
565-VB30E110 . . . . . .85 pair
565-VB35E140 . . . . . 1.15 pair

SLIDING DOOR CUP POOLS

Large Size for Heavy Doors

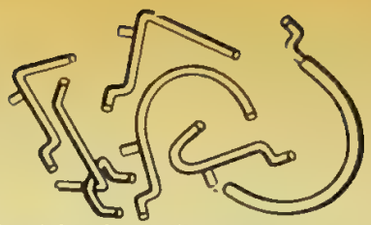
Solid brass 2⅛" diameter pull for large or heavy sliding doors.
522-2900E140 . . . . . Pair $1.00

SLIDING DOOR FLUSH PULLS

Fully recessed solid brass pull is 3⅛" long; recessed 7/16". Highly finished in bright brass. Packed two to a box, with screws. Box of 2
522-2901E120 $1.00

PEG-BOARD ACCESSORIES

Every Fixture You Need FOR PEG BOARD



Special Value Utility Assortment
Contains 28 most popular 1/8" fixtures.
520-C101E110 . . . . . $ .89

HANG-IT-UP ADHESIVE BACKED

Hangs kitchen utensils, coats and hats, ties and belts. No screws, no nails, no holes required. Press into place and Hang-it-Up with the assortment of fixtures included.
552-9512E200 . . . . . $1.49

2 DOUBLE LEG HOOKS PER CARD
520-C3E60 3" wide . . Card $ .39
520-DC3E520 . . . Doz. Cards 4.20

3 HANGERS PER CARD
520-C28E60 . . . . . Card $ .39
520-DC28E520 Doz. Cards 4.20

2 4½" HOOKS PER CARD
520-C4E60 Card $ .39
520-DC4E520 . Doz. Cards 4.20

12 SMALL HOOKS PER CARD
520-C5SE60 . . . . . Card $ .39
520-DC5SE520 . . Doz. Cards 4.20

12 "L" HOOKS PER CARD
520-C2CE60 7/8" leg . Card $ .39
520-DC2CE520 . . Doz. Cards 4.20

12 ROUND HOOKS PER CARD
520-C5RE60 1/2" Wide Card $ .39
520-DC5RE520 . Doz. Cards 4.20

6 HOLDERS PER CARD
520-C60E60 . . . . . Card $ .39
520-DC60E520 Doz. Card 4.20

4 PIECES PER CARD HANGER WITH 2" LEG
520-C72E60 . . . . . Card $ .39
520-DC72E520 Doz. Cards 4.20

3 PIECES PER CARD
520-C76E60 6" Leg. Card $ .39
520-DC76E504 Doz. Card 4.20

10 "L" HOOKS PER CARD
520-C2E60 1½" Leg. Card $ .39
520-DC2E520 Doz. Cards 4.20

10 ROUND 1" HOOKS PER CARD
520-C5ZE60 . . . . . Card $ .39
520-DC5ZE520 Doz. Cards 4.20

2 ANGLE HANGERS PER CARD
520-C86E60 5½" Leg. Card .39
520-DC86E520 Doz. Cards 4.20

2 HOLDERS PER CARD
520-C62SE60 . . . . Card $ .39
520-DC62SE520 Dz. Cards 4.20

2 CLAMP HOLDERS PER CARD
520-C62LE60 . . . . . Card $ .39
520-DC62LE520 Dz. Cards 4.20

15 HOOKS PER CARD
520-C5XE60 . . . . . Card $ .39
520-DC5XE520 Doz. Cards 4.20

6 SETS PER CARD
520-C5051E60 . . Card $ .39
520-DC5051E520 Dz. Cards 4.20

7 HOOKS PER CARD
520-C57E60 1½" W. Card $ .39
520-DC57E520 Doz. Cards 4.20

3 TOOL HOLDERS PER CARD
520-C28ABE60 . . Card $ .39
520-DC28ABE520 Dz. Cards 4.20

DOUBLE ARM HANGER, 2" LONG, 3 PER CARD
520-C72DE60 . . . . . Card $ .39
520-DC72DE520 Doz. Cards 4.20

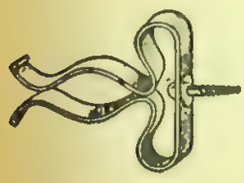
2 CLAMP HOOKS PER CARD
520-C62ME60 . . . . . Card $ .39
520-DC62ME520 Doz. Cards 4.20

3 HANGERS PER CARD
520-C74E60 4" Leg. Card $ .39
520-DC74E520 Doz. Cards 4.20

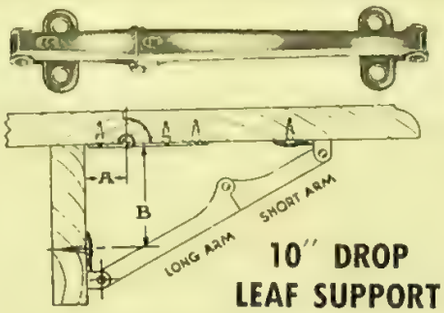
2 HANGERS PER CARD
520-C88E60 7½" Leg. Card $ .39
520-DC88E520 Doz. Cards 4.20

MULTIPLE TOOL HOLDER
520-F23E90 9"L. holds 6 Ea. $ .60
520-DF23E800 . . . . . Doz. 6.60

2 PIECES PER CARD
520-C74DE60 4" Leg. Card $ .39
520-DC74DE520 Doz. Cards 4.20



For toolroom, factory, laboratory or shop. Permits instant insertion or removal of tool. Ideal for hanging brooms and mops, garden tools, hammers and other hand tools. Small loops take small objects. Sold per boxes of 3 dozen only.
350-31E630
Box of 3 Dozen . . $4.50



10" DROP LEAF SUPPORT

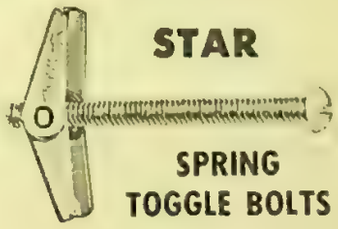
Easily operated quick-action support holds firm, releases easily. Spring tension holds table leaf in place. Brown lacquered finish on sturdy steel. Mounting screw included.
522-1956BLE200 . . . . . $1.30

MOLLY SCREW ANCHORS
For A Firm Hold In Hollow Walls

Provides firm support in hollow walls . . . will not pull through. Easily installed—needs no special tools. Ideal for hanging objects not quite wide enough to reach stud-to-stud where wallboard comprises the wall construction.

Also ideal for any other type of hollow walls . . . holds firm.

Number	Diam.	Overall Length	Minimum Wall Thickness	Price Box of 20
515-4SE260	1/4"	1½"	3/8"	$2.20
515-4LE260	1/4"	1 15/16"	13/16"	2.20
515-6SE400	3/8"	2¼"	3/8"	3.50
515-6LE400	3/8"	2¾"	7/8"	3.50



STAR SPRING TOGGLE BOLTS

For hanging heavy objects on plaster, plywood, tile, cinder block, etc. Drives in straight, spring opens wings . . . can't pull out. Quality steel, bright plated. **Boxes of 20.**

514-351E320	1/8 x 3" Box	$2.20
514-451E340	1/8 x 4" Box	2.40
514-350E330	3/16 x 3" Box	2.30
514-450E340	3/16 x 4" Box	2.40
514-3015E380	1/4 x 4" Box	2.70

MOLLY JACK NUT

For Hollow Doors

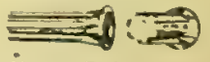
Holds firm in hollow doors. 19/64" diameter, ¾" long overall. Sold in boxes of 40.
515-4XSE400 . . . . . Box $3.20

STAR

LAG SCREW SHIELDS

To secure fixtures to masonry.

	Screw Size	Hole Size	No. per Box	Box Price
514-1815E600	1/4"	1/2"	20	$4.20
514-1820E650	5/16"	5/8"	20	4.60
514-1825E450	3/8"	3/4"	10	3.20



LEAD ANCHOR

Heavy Duty

Complete with screws.

	Screw Size	Hole Size	No. per Box	Box Price
514-408E320	6-8x1	1/4"	40	$2.50
514-412E320	10-14x1	5/16"	30	2.50

PLASTIC ANCHOR

For use with wood or sheet metal screws. Complete with screws.

Number	For Screw Size	Hole Size	No. Per Box	Box Price
514-608E310	6-8x3/4	3/16"	60	2.20
514-610E350	8-10x7/8	3/16"	60	2.50
514-612E420	10-12x1	1/4"	60	3.00

3" COAT & HAT HOOK

2 hooks to a card. Choice chrome or brass finish.

Brass Finish

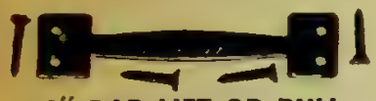
542-810BE80. Card $ .55
542-B810BE560
10 Cards.....5.50

Chrome Finish

542-810CE110. Card $ .90
10 Cards
542-B810CE840 .....9.00

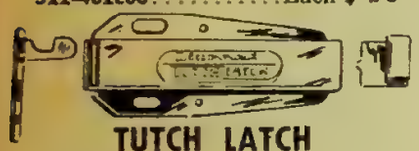
2" BATHROOM HOOK

Rustproof chromium plated. 2" long. With screws. Card has one hook, screws.
542-812CE60..Card $ .45
10 Cards
542-B812CE420 .....4.50



4" BAR LIFT OR PULL

Rustproof. Steel, highly finished in brass. 5¾"x1½" overall—4" grip. Complete with screws.
522-482E80.....Each $ .70



TUTCH LATCH

Touch, it is open . . . touch, it is shut. For cabinet doors, etc. Zinc finished. Complete with screws.
542-8142E120.....Each $ .90
542-B8142E1100....Box of 10 9.00

SASH LOCK

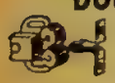
3-way action sash lock pushes top up, bottom sash down, and pulls sash together. Grip-tite. Wrought steel in brass finish. 2" x 2⅜" base. With screws.
542-853E110.....Each $ .70
542-B853E840.....Box of 10 7.00

SASH LOCK

Rustproof

Rustproof brass finish. With screws.
542-850BE70.....Each $ .50
542-B850BE460.....Box of 10 5.00

DOUBLE ROLLER CATCH



Lifetime spring action. Sure-grip catch
518-143E40 Each $ .30
518-D143E320.....Dozen 3.20

MAGNETIC CABINET CATCH

Powerful Alnico magnet holds firmly.
518-145E40 Each $ .45
518-D145E300 Doz. 4.80

POLE SOCKETS

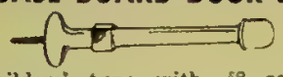
White polyethylene. For closet, drapery poles to 1⅜".
542-8501E60 One Pr..$ .40
Box 10 Pr.
542-B8501E400.....4.00

ANGLED FLOOR STOP—

1⅜" High

For installation on floor, #8 screw thread, white rubber tip.
Rustproof—**Brass finish**
542-8205E40..Each $ .50
Box of 10
542-B8205E280 .....5.00

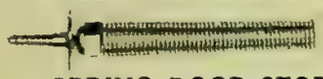
3" BASE BOARD DOOR STOP



Builders' type with #8 screw thread, white rubber tip, rustproof brass finish.
542-8215E70..Card of Two $ .50
542-B8215E440 Box 10 Cards 5.00

4" HEAVY DUTY DOOR STOP

4" Projection for heavy duty or special applications, #10 screw thread, white rubber tip, rustproof brass finish.
542-8224E70..Card of Two $ .50
542-B8224E440 Box 10 cards 5.00

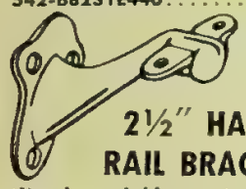


SPRING DOOR STOP

Flexible 3" projection. Heavy duty tapered spring guards against tripping, makes cleaning easier, reduces impact noise.

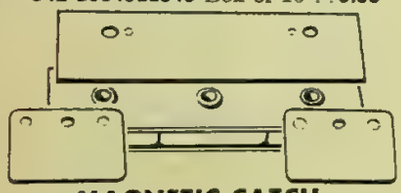
Brass Finish

542-8231E60..Card of Two $ .40
Box of 10 Cards
542-B8231E440..... 4.00



2½" HAND RAIL BRACKET

Sturdy, rigid, rustproof brass hand rail bracket extends 2½" from wall. Complete with screws.
542-8340E100..Card of One $ .80
542-B8340BE640 Box of 10 ..8.00



MAGNETIC CATCH

35 LB. PULL

Floating action, with a powerful permanent magnet in a brass case. Large size for larger doors. Packed with both single and double plates for use on a one or two door installation. Louvre door, closet door, etc.
542-145E140 .....Each $1.00

WITH SCREWS

EXTRUDED BRASS CHAIN GUARD

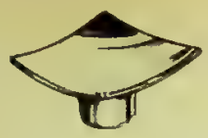
Gleaming brass finish door guard fastener. With welded steel chain. 1⅝x3⅜" plate; ¾x2" holder.
530-442E160.....Each $1.50

YODER'S Cabinet Hardware

BEAUTIFULLY STYLED—BRILLIANTLY FINISHED

New modern styles add charm and beauty to natural finish or painted cabinets and/or drawers. Gleaming durable finish will last for years. Made of super tough die-cast zinc metal.

CONCAVE SQUARE KNOBS



Choice of polished brass or chrome.

Number	Square	Finish	Quan.	Price
513-5575CE50	1⅛"	Chrome	Each	$ .30
513-B5575CE360	1⅛"		Box of 10	3.00
513-5585CE50	1½"	Chrome	Each	.35
513-B5585CE420	1½"		Box of 10	3.50
513-5595CE60	1⅞"	Chrome	Each	.45
513-B5595CE560	1⅞"		Box of 10	4.50
513-5575BE60	1⅛"	Brass	Each	$ .40
513-B5575BE500	1⅛"		Box of 10	4.00
513-5585BE80	1½"	Brass	Each	.55
513-B5585BE600	1½"		Box of 10	5.50
513-5595BE90	1⅞"	Brass	Each	.60
513-B5595BE660	1⅞"		Box of 10	6.00

CONCAVE ROUND KNOBS

Choice of polished brass or chrome.

Number	Diam.	Finish	Quan.	Price
513-5560CE50	1¼"	Chrome	Each	$ .30
513-B5560CE340	1¼"		Box of 10	3.00
513-5570CE50	1½"	Chrome	Each	.30
513-B5570CE360	1½"		Box of 10	3.00
513-5580CE50	2"	Chrome	Each	.35
513-B5580CE420	2"		Box of 10	3.50
513-5560BE50	1¼"	Brass	Each	.30
513-B5560BE360	1¼"		Box of 10	3.00
513-5570BE60	1½"	Brass	Each	.40
513-B5570BE500	1½"		Box of 10	4.00
513-5580BE80	2"	Brass	Each	.55
513-B5580BE620	2"		Box of 10	5.50

MODERN DRAWER PULLS

3" Centers. Choice of polished brass or gleaming chrome. Sleek, modern.

Chrome Finish

513-5555CE60 .....Each $ .38
513-B5555CE440.....Box of 10 3.80

Brass Finish

513-5555BE80.....Each $ .55
513-B5555BE620.....Box of 10 5.50

ROUND DRAWER PULLS

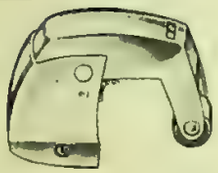
Choice of polished brass or gleaming chrome. **3" centers.**

Chrome Finish

513-5550CE50.....Each $ .30
513-B5550CE360.....Box of 10 3.00

Brass Finish

513-5550BE50.....Each $ .35
513-B5550BE400.....Box of 10 3.50



SCREEN DOOR CATCH

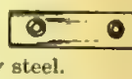
Beautiful zinc plated finish. Has strong tempered spring and soft rubber roller for smooth operation. Complete with screws.
522-210E80.....Each $ .50

MENDING PLATES

Durable zinc plated heavy steel.

Number	Diam.		Price
517-225-3E40	3"	Pair	$ .30
517-D225-3E370	3"	Dozen Pair	3.00
517-225-4E50	4"	Pair	.35
517-D225-4E400	4"	Dozen Pair	3.60

FLAT IRONS FOR CORNERS



Zinc plated heavy-duty steel.

Number	Diam.		Price
517-228-2E40	2"	Pair	$ .30
517-D228-2E240	2"	Dozen Pair	1.80
517-228-2½E40	2½"	Pair	.30
517-D228-2½E300	2½"	Dozen Pair	2.40
517-228-3E40	3"	Pair	.30
517-D228-3E340	3"	Dozen Pair	2.60

CORNER BRACES

Has a thousand and one uses around the home, shop, garage, etc. Ideal for bracing, repairing, reinforcing corners of cabinets, self-contained closets, boxes, chests, etc. Rugged heavy duty steel, durable zinc finish.

Number	Diam.		Price
517-226-1E40	1"	Pair	$ .30
517-D226-1E280	1"	Dozen Pair	1.80
517-226-1½E40	1½"	Pair	.30
517-D226-1½E300	1½"	Dozen Pair	2.40
517-226-2E40	2"	Pair	.40
517-D226-2E340	2"	Dozen Pair	2.80
517-226-2½E50	2½"	Pair	.45
517-D226-2½E400	2½"	Dozen Pair	3.60
517-226-3E60	3"	Pair	.50
517-D226-3E540	4"	Dozen Pair	4.20

SASH ADJUSTER SET

Friction adjusts for positive non-rattling hold on the sash in any position. Disengages for sash removal. No-rust zinc. With pull handle, screws.
522-1727E300.....$2.00

⅜" OFFSET HINGE

Semi-concealed. 1½x2" size. In brass or chrome.

513-5700BE80	Brass	Each	$ .55
513-B5700BE620	Brass	Box of 10	5.50
513-5700CE80	Chrome	Each	.55
513-B5700CE620	Chrome	Box of 10	5.50

SCREWS • BOLTS NUTS • WASHERS

In rigid plastic boxes with clear, see-thru snap-close lids. Each box is clearly marked as to the size and item it contains. Ideal permanent storage containers for the workshop.

FLAT HEAD WOOD SCREWS—Steel Plated

Stock No.	Lgth.	Diam.	Quan.	Price
WF-44E100	½"	4	60	$.59
WF-46E100	½"	6	58	.59
WF-48E100	½"	8	54	.59
WF-56E100	⅝"	6	54	.59
WF-64E100	¾"	4	54	.59
WF-66E100	¾"	6	54	.59
WF-68E100	¾"	8	45	.59
WF-610E100	¾"	10	40	.59
WF-86E100	1"	6	45	.59
WF-88E100	1"	8	40	.59
WF-810E100	1"	10	34	.59
WF-812E100	1"	12	25	.59
WF-108E100	1¼"	8	32	.59
WF-1010E100	1¼"	10	29	.59
WF-1012E100	1¼"	12	22	.59
WF-128E100	1½"	8	29	.59
WF-1210E100	1½"	10	25	.59
WF-1212E100	1½"	12	20	.59
WF-1610E100	2"	10	16	.59
WF-1612E100	2"	12	10	.59

PAN HEAD SHEET METAL SCREWS

Plated finish on steel.

SP-36E100	⅜"	6	60	.59
SP-44E100	½"	4	60	.59
SP-46E100	½"	6	54	.59
SP-48E100	½"	8	43	.59
SP-54E100	⅝"	4	50	.59
SP-58E100	⅝"	8	41	.59
SP-66E100	¾"	6	50	.59
SP-68E100	¾"	8	40	.59
SP-610E100	¾"	10	36	.59
SP-612E100	¾"	12	20	.59
SP-88E100	1"	8	36	.59
SP-810E100	1"	10	29	.59
SP-812E100	1"	12	18	.59
SP-1010E100	1¼"	10	22	.59
SP-1012E100	1½"	12	16	.59

ROUND HEAD WOOD SCREWS

Steel . . . plated. Round head wood screws.

WR-44E100	½"	4	60	.59
WR-66E100	¾"	6	54	.59
WR-88E100	1"	8	40	.59
WR-810E100	1"	10	34	.59

MACHINE SCREWS WITH NUTS

Plated steel round head screws, nuts.

Stock No.	Lgth.	Diam.	Quan.	Price
MR-46E100	½"	6-32	54	.59
MR-48E100	½"	8-32	43	.59
MR-410E100	½"	10-24	36	.59
MR-414E100	½"	¼-20	20	.59
MR-66E100	¾"	6-32	48	.59
MR-68E100	¾"	8-32	36	.59
MR-610E100	¾"	10-24	32	.59
MR-614E100	¾"	¼-20	20	.59
MR-86E100	1"	6-32	42	.59
MR-88E100	1"	8-32	34	.59
MR-810E100	1"	10-24	28	.59
MR-814E100	1"	¼-20	16	.59
MR-1010E100	1¼"	10-24	28	.59
MR-128E100	1½"	8-32	26	.59
MR-1210E100	1½"	10-24	24	.59
MR-1214E100	1½"	¼-20	14	.59
MR-1610E100	2"	10-24	20	.59
MR-1614E100	2"	¼-20	12	.59
MR-2010E100	2½"	10-24	16	.59
MR-2014E100	2½"	¼-20	10	.59
MR-2410E100	3"	10-24	14	.59
MR-2414E100	3"	¼-20	8	.59

FLAT & LOCK WASHERS

Approx. 100 assorted #6 to ¼" flat and lock washers. All plated.
AW-100E100 . . . . . $.59

BRASS FLAT HEAD WOOD SCREWS

Bright brass finish wood screws.

WFB-44E100	½"	4	30	.59
WFB-66E100	¾"	6	20	.59
WFB-68E100	¾"	8	16	.59
WFB-86E100	1"	6	16	.59
WFB-88E100	1"	8	12	.59
WFB-810E100	1"	10	10	.59
WFB-106E100	1¼"	6	14	.59
WFB-108E100	1¼"	8	10	.59
WFB-1010E100	1¼"	10	8	.59
WFB-128E100	1½"	8	9	.59
WFB-1210E100	1½"	10	7	.59

Americana CABINET HARDWARE

Hammered Antique Copper or Black

(A) SEMI-CONCEALED HINGE. 1½" x2" size. 1 pair to card with screws. Specify black, copper.
516-1326E90 Pr. $.70
Box of 12 pair.
516-D1326E900 7.20

(B) H ⅜" OFFSET HINGE, 1⅛"x3" size. 1 pair to card with screws. Specify black, copper.
516-1328E90 Pr. $.70
Box of 12 Pair.
516-D1328E950 7.20

(C) HL ⅜" OFFSET HINGE. 2½x3". 1 pair with screws to a card. Specify black or copper.
516-1327E120
Pair $1.00
516-D1327E1080
Box of 12 Pair . 9.00

(D) H FLUSH HINGE. ¾"x3". 1 pair with screws to a card. Specify copper or black.
516-1329E90 Pr. $.70
Box of 12 pair.
516-D1329E950 . . . 7.20

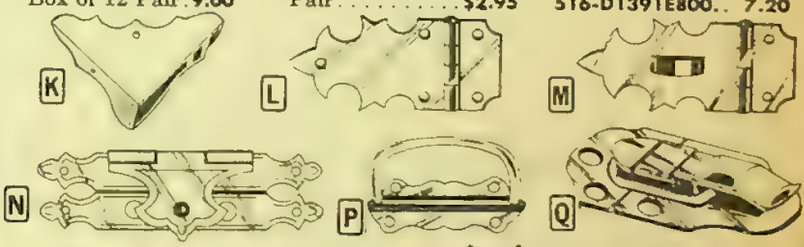
(E) HL FLUSH HINGE. 2"x3". 1 pair, screws. Copper or black.
516-1330E120
Pair $1.00
Box of 12 pair.
516-D1330E1060. 8.40

(F) ORNAMENTAL BRACKETS. Wrought iron. With screws. Rustproof. Hammered black or copper.
517-556-4E240 4½"x x6" . . . . . Pair $1.80
517-556-6E400 6" x 8"
Pair $2.95

(G) SHUTTER HOLDERS. Ornamental hammered wrought iron. Rust-proof. Lag screws, cotter pins, washers included. 6¾" long.
542-8327E190 . . . $1.40

(H) CABINET PULL. 5" overall; 3¼" between holes. Specify copper or black. 1 pair, screws to card.
516-1395E90 Pair $.70
Box of 12 pair.
516-D1395E800. . 7.20

(J) 1¼" HAMMERED KNOBS. For drawers, cabinet doors. Pair with screws. Specify copper, black.
516-1391E90 Pair $.70
Box of 12 pair.
516-D1391E800. . 7.20



TOP BRASS LINE OF HIGHLY POLISHED CABINET HARDWARE

(K) SOLID BRASS CORNER. Box of 4 with screws. ⅝x1¾" size. .0020 gauge solid brass.
523-479E120 Box $.85

(L) SOLID BRASS HINGE. 1 pair hinges with pins. .0020 gauge solid brass, highly polished. ⅝"x 1¼" size.
523-22E70 . . . . Pair $.45

(M) SOLID BRASS HASP with loop for padlock (not incl.). .020 gauge brass with solid brass pins. Size: ⅝" x 1⅞" Ornamental-polished.
523-802E70. Each $.50

(N) SOLID BRASS ORNAMENTAL CATCH. With solid brass pins. .020 gauge brass. Size: ¾"x 1⅜". Polished.
523-865E80 . . Pair $.55

(P) BRASS PLATED PULL HANDLE. 1 pair with screws. 1⅜"x3½"x.040 gauge. Brass plate.
523-234E120 Pair $.85

(Q) BRASS PLATED STEEL CATCH with screws. 1½" x 2¾" x .028 gauge.
523-864E120 Pair $.85
With Padlock Eye. 1¾" x3¼"x.028 gauge.
523-867E80 . . Each $.50

(R) SOLID BRASS PULL With screws. ⅜"x2¼"x .068 gauge. Polished.
523-254E80 Pair $.60

(S) SOLID BRASS BRACKET. 4 to box w/screws
½"x1½"x.060 gauge.
523-401½E90 . Box $.55
½"x1"x.060 gauge.
523-401E70 . . . Box $.45

(T) SOLID BRASS MORTISE DOOR BOLT. With strike and screws. Drill 9/16" hole, 2⅝" deep for bolt; ⅜" hole for knob. Hand polished.
513-771E190 . Ea. $1.39

(U) SOLID BRASS CORNER. Box of 4 with screws. ⅞"x⅞"x.035 gauge.
523-474E140 . . . $1.15
1¼x1¼"x.040 gauge. Box of 4. Brass plated.
523-476E100 . . . . . $.75

(V) SOLID BRASS HASP with screws. 1" x 2⅞" x .050 gauge. Polished.
523-844E130 Ea. $1.00
¾" x 2¾" x .040 gauge.
523-804E80 . Each $.55

(W) SOLID BRASS CORNER PLATE. 4 to a box with screws. ⅜" x 1⅞" x .045 gauge solid brass-Highly polished.
523-422E80 Box 4 $.60

(X) SOLID BRASS MENDING PLATE. 4 to a box with screws. ½x3"x.060 gauge.
523-418E80 Box 4 $.60
½x2"x.060 gauge.
523-417E80 Box 4 $.50

(Y) SOLID BRASS KNOBS ⅝" diam. Highly polished. Pair.
523-904E90 . . Pair $.60
Size: ½" diameter.
523-903E80 . . Pair $.55

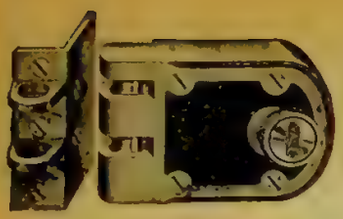
(Z) SOLID BRASS HINGE 1 pair with brass screws. ¾" x 1⅞" x .050 gauge.
523-93E90 . . Pair $.65
⅝" x 1" x .020 gauge.
523-18E60 . . . . Pair $.40

(AA) SOLID BRASS HINGE with screws 1¾ x3"x.040 gauge.
523-75E110 . . Pair $.80
15/16x2¼"x.035 gauge
523-76E80 . . . Pair $.60

(BB) BRASS PLATED SPRING HINGE with screws. 1⅛ x 1⅝".
523-160E80 . . Pair $.65

(CC) SOLID BRASS BUTTS

Number	Lgth.	Wdth.	Pair
523-6150E70	1½"	1"	$.60
523-6250E130	2½"	1 9/16"	$1.00
523-6200E90	2"	1 1/16"	.70
523-8200E200	2"	3 1/16"	1.40
523-8150E120	1½"	2"	.90
Box of 4			
523-5100E80	1"	¾"	.60
523-7100E80	1"	1"	.65
523-5075E70	¾"	½"	.55
523-7075E80	¾"	1"	.60



YALE DEADLOCK

Pin tumbler, heavy duty deadlock for 1⅜-3" doors opening in, double sliding doors. 4¾"x3-5/32" rustless brass finish case and knob. Two hardened steel bolts; bronze cylinder. Rim strike.
503-197E1080 ..... $7.80

COMBINATION LOCK

Strong double wall construction stainless steel case. 3 number brass locking mechanism and alloy steel shackle. Easy to read calibrated dial. 1⅞" diam. case; 13/16" clearance. Ideal for any locking needs.
504-1500E240 ..... $1.75

SPECIAL BIKE LOCK

Laminated, rust-proofed 1¾" steel case. Built like a bank vault. 7" adjustable and fully removable steel shackle. Maximum vertical clearance is 5¾". Durably made for service. With vinyl coated shackle.
504-518E200 ..... $1.40

COMBINATION BIKE LOCK

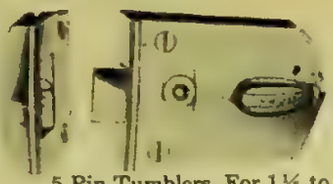
Strong double wall construction stainless steel case is 1⅞". Removable, adjustable shackle is vinyl coated for smooth ride. 4¾" maximum clearance. 3 number combination.
504-1517E320 ..... $2.20
Combination lock with short shackle and 24" heavy steel welded chain permanently anchored to shackle.
504-1516E350 With 24" Chain $2.50
504-1519E350 With 24" Cable 2.50

KEY CADDY

With Power Reel . . . returns keys automatically! The carrier that returns keys every time. Ideal for maintenance and watchmen; police, janitors, anyone who needs many keys handy at all times.
Exclusive triple chromed tear drop case is rugged die-cast construction. Extra-strength stainless steel chain, tempered key ring. Clips on belt.
533-KIE270 ..... $1.99

HASP LOCK

MASTER HASP LOCK has sturdy steel hasp, heavy slide bolt, 1¾" laminated steel case. 4"x 1⅜" hasp ribbed for maximum strength. Powerful pin-less hinge. Floating padlock eye. All 7 screws locked in. Cadmium rust-proofed.
504-450E330 ..... $2.25



YALE SPRING LATCH

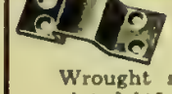
5 Pin Tumblers. For 1⅛ to 2¼" doors; rim strike or flat strike. Rust-less metal knob, strike and 2-13/16"x3¾" case—brown lacquered. Brass finish latchbolt, cylinder.
503-85E600 ..... $4.00

YALE SPRING LATCH

With Extra-Throw Deadlatch that cannot be pried . . . activated by extra turn of the key or knob. For 1⅛" to 2¼" doors. Dull brass finish rustless 3¾x2½" case, bolt, knob, cyl.
503-042E780 ..... $5.50

YALE DEAD-LOCK

2-Pin Tumbler. Dead bolt can't be pried. For 1⅛-2¼" doors. Case is 3¾x2½"—rustless dull brass. Brass knob and cylinder.
503-2E790 ..... $5.50



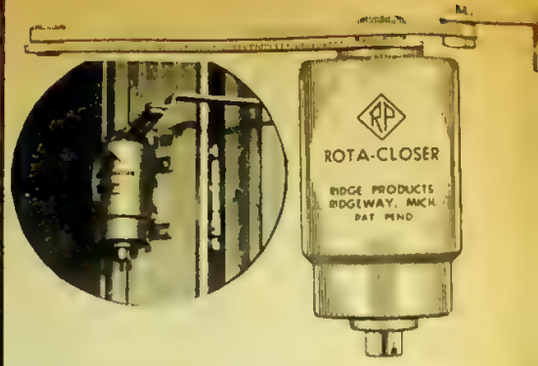
HEAVY SQUARE SPRING BOLT

Wrought steel, japanned with cadmium plated ½" sq. bolt. Heavy spring holds bolt in position. Plate is 6" long, 1¾" wide.
517-508-6E200 ..... $1.85

BRASS PADLOCK AND TUMBLER

Solid Brass body, self locking hardened shackle. Pin tumbler cylinder.

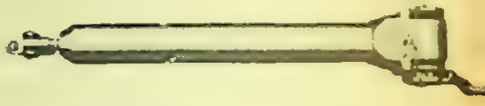
604-BL1E150	1" wide	$1.25
604-BL1¼E200	1¼" "	1.75
604-BL1½E250	1½" "	2.25
604-BL2E380	2" wide	3.95



ROTA-CLOSER HYDRAULIC SCREEN OR STORM DOOR CLOSER

- Smooth Rotary Hydraulic Operation
- Right or Left-opening Doors
- Adjustable Closure Speed
- Latches Door Securely Every Time
- Temperature Compensated
- Compact—Requires only 2¾" between doors

The only low price closer on the market that allows full door opening without damage to closer or jamb. Easily installed in a matter of minutes. Will give years of smooth trouble-free service. Positive latching power. Complete with all mounting screws and full instructions.
555-300E270 ..... $4.95



YALE SCREEN DOOR CLOSER

"Airliner" pneumatic spring-operated closer features hold-open feature, adjustable speed regulating screw and full concealed spring. Reversible. Fits 2" between-door-space. Gold bronze finish.
503-506E660 ..... $4.95

STORM KING DOOR CLOSER

Guaranteed to give smooth action and superb service. Has patented spring cushion. Pneumatic door closer is silver spray finished, measures 16½" long. 1¼" tube. Extra heavy design at all points.
529-105E300 ..... $2.50

NEW "CONTROLLED ACTION" CLOSER

Screen, Storm or Combination Door. Concealed shock spring. Baked-on Epoxy lacquer for smooth service. New type valve screw for trouble free speed adjustment. Removes without taking out screws.
532-1020E220 ..... $1.75

CHAIN DOOR BOLT

Heavy duty wrought steel with strong music wire spring for automatic latching. With surface and mortise strikes, 24" long chain, screws all included. Bolt is reversible. Satin brass finish.
522-1055E300 4" long $2.25

FOOT DOOR BOLT

Spring action retractable bolt . . . release is easily operated by simple touch of foot. Ideal for garages and industrial buildings. Weather-resistant brass finish on wrought steel. 1" throw. With mounting screws included.
522-1056E300 4" long . . $2.25

BARREL BOLT

Multi-purpose door bolt for average weight doors, etc. Accurately sized wrought steel finished in weather-resistant satin brass. With mounting screws.

522-1078-2½E70	2½" long	$.49
522-1078-3E80	3" long	.59
522-1078-4E90	4" long	.69

LATCHING SAFETY HASP

A positive door latch and positive locking device in one . . . with eye for insertion of a padlock. One-hand unlatch and hasp-opening design. All screws concealed (included). Delrin thumb piece, stainless steel spring. Rust-resistant finish.
522-918E130 3½x1½" ..... $.8

YALE KEY IN KNOB LOCKSETS

Combines beauty and convenience. Highly polished Brass finish lock with 5-pin tumbler. For doors 1⅜" to 1¾" thick. Stile bore 2" diam., edge bore ⅞" diam. Fits right or left hand doors. Unlocks by key outside. Locks with a turn of the button inside. Turning inside knob releases lock. Closing door does not release lock. May be keyed alike. Keys included.

503-5280E1060 Entrance Lockset $7.80

PASSAGE LATCH

Handy for closet vestibule and connecting doors. No lock. Operated by knob both sides. Reversible. Plain latch lockset.

503-5283E430 ..... $3.75

BEDROOM LOCK

Locks by turn button on inside . . . releases by turning inside knob or returning turn button. Inside knob can always be opened.

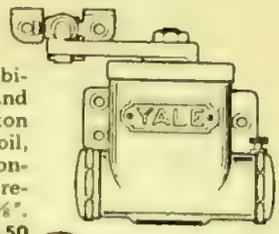
503-5284E600 .... $4.45

BATHROOM LOCK

Locks, releases same as bedroom lock, plus has emergency key or screwdriver release from outside. Brass outside, chrome inside.

503-5285E640 ..... $4.70

YALE DOOR CLOSER



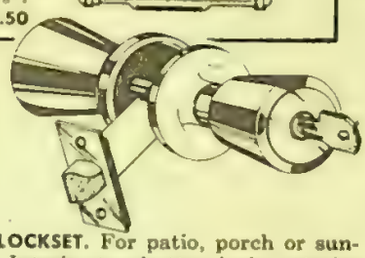
Liquid Screen Door Closer. Controls screen and combination doors. Easily installed to doors of either hand without any changes needed. Spring closes door. Piston actuated by a crankshaft in a checking medium of oil, controls the closing action while regulating valve controls the closing speed. No adjustment of spring required. Can be used in between-door space of 3⅜".

503-570E1960 ..... $14.50

KWIKSET

BEL AIR LOCK SETS

Designed for beauty and dependable, trouble-free performance. Fast easy installation combines with five pin tumbler construction to give you instant security. Beautiful, durable finishes. Fits doors from 1⅜" to 1¾" thick. 2⅜" backset. Stilebore 2" diam., edgebore ⅞" diam. Fits right or left hand opening doors. Smooth action.



ENTRY LOCKSET. Rich all highly polished brass finish. Interior turn button locks exterior knob. Key locks and unlocks exterior or may be released by turning inside knob. Lock is not released by closing door. May be keyed alike. Keys included.

550-400BE1060 ..... $7.80

CLOSET LOCKSET. Special design with highly polished brass exterior plain knobs, small knurled interior knob. Does not lock. Cannot lock a person inside closet.

550-90BE430 ..... $3.20

EXIT LOCKSET. For patio, porch or sundeck. Interior turnbutton locks exterior knob, can be released by releasing turn button or turning knob. All brass.

550-100BE540 ..... $4.20

PASSAGE LOCKSET. For all interior passage doors. Non-locking. Operates by knob both sides. All polished brass.

550-200BE450 ..... $3.40

BATHROOM-BEDROOM SETS. For privacy. Interior turn button locks exterior knob. Exterior knob has emergency keyway.

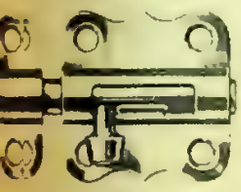
BEDROOM LOCKSET. All brass finish.

550-300BE570 ..... $4.20

BATHROOM LOCKSET. Brass outside knob, chrome interior knob.

550-300BCE570 ..... $4.40

2½" CELLAR WINDOW BOLT



Gleaming, modern, beautiful and durable, too. 2" diam. door knobs come complete with threaded spindle. Non-locking type for interior passage doors. An easy, attractive way to dress up your home.

CHAIN DOOR BOLT

Heavy duty wrought steel with strong music wire spring for automatic latching. With surface and mortise strikes, 24" long chain, screws all included. Bolt is reversible. Satin brass finish.

322-1055E330 4" long $2.25

DECORATIVE DOOR KNOBS

Always a favorite for an elegant look of sparkling glass. Heavy duty fluted cast glass is enhanced by wrought brass shanks. Comes complete with a threaded spindle for each pair of knobs. Non-locking . . . ideal for interior passage doorways. Sold in pairs only.

POLISHED SOLID BRASS

530-070E240 ..... Pair $1.80

HEAVY DUTY FLUTED GLASS

530-050E160 ..... Pair $1.30

DOUBLE SPRING STORM DOOR CHAIN

Weatherproof, rustproof chain checks door action. Prevents wind damage and protects door closer.

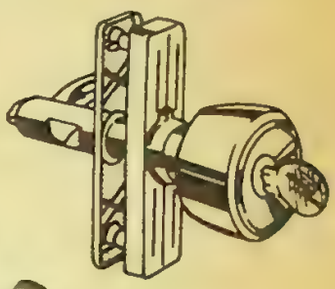
510-BCIE120 ..... $ .89

KEY-LOCK CHAIN DOR-LOC

The only chain lock you can lock from the outside with a key. Can also be locked from the inside. Tested against one ton of forcible entry pressure . . . virtually burglar-proof. Installs easily with a screwdriver, can't be pried.

510-VS101E440 Brass plated $3.49

THREE HOLE TULIP LATCH



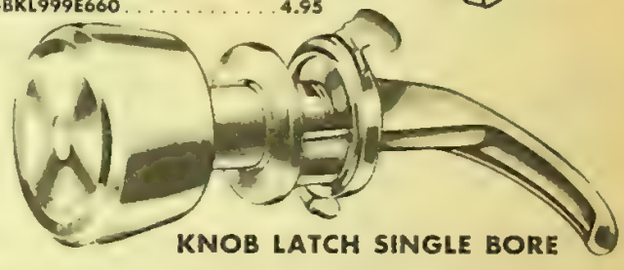
Aluminum finish

The only lock with exclusive finger tip control. Fits stiles 1½" to 2½" wide; fits doors ⅝" to 1⅜" thick. Needs ½" hole for installation. Without key. Aluminum finish.

510-BSL600E280 ..... $2.20

As Above, with key in knob.

510-BKL999E660 ..... 4.95



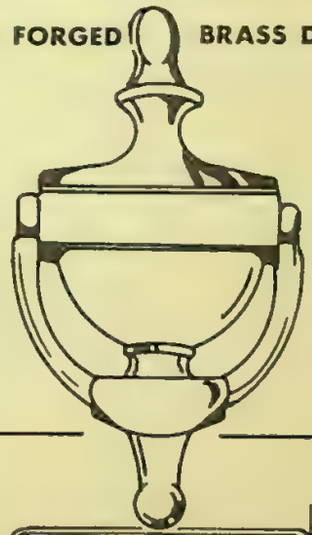
KNOB LATCH SINGLE BORE

The knob latch with exclusive finger-tip control. Needs only one 1¼" hole drilled. Fits aluminum doors ¾" to 1¼" thick; wood screen doors ¾" to 1⅜" thick. Button on inside locks it or releases it. Weather-resistant aluminum finish.

510-BSL500E440 Without key $3.39

510-BTO200E660 With key in knob 4.95

SOLID FORGED BRASS DOOR KNOCKERS



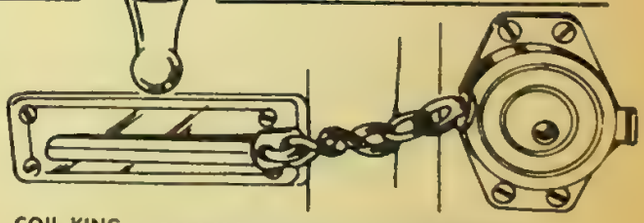
A distinctive touch for any front door. Beautiful gleaming polished brass finish enhances any door, resists the ravages of weather. Comes complete with mounting screws ready to put up . . . nothing else to buy.

Small Size—4"x2⅛".

530-331E340 .. $2.60

JUMBO DOOR KNOCKER. Big 6½"x3½" size overall.

530-360E800 .. $6.20



COIL KING

CHAIN DOOR FASTENERS

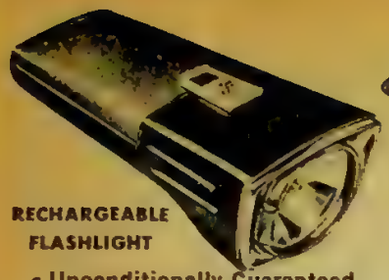
Wrought Steel. Case Hardened Chain

A combination night latch and door guard. Chain never hangs down. When not in use it automatically disappears into its case.

By engaging the chain with the door plate, closing door and pulling out slide button on side of case it becomes a positive night latch.

Door plate 1⅜x4 in., case 2x2⅞ in.

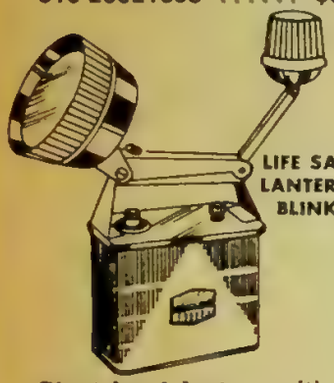
529-103E320 ..... $2.25



RECHARGEABLE FLASHLIGHT

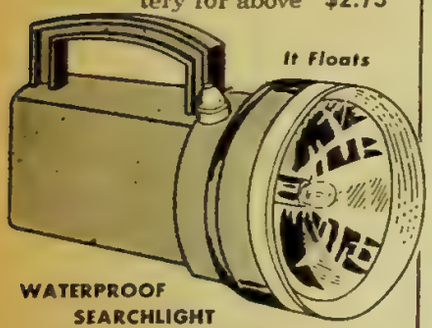
- Unconditionally Guaranteed
- Life Lite Super 200 Flashlight

You'll never be caught with a dead flashlight battery with this powerful . . . pocket-purse size rechargeable flashlight. Never needs batteries . . . just plug into any home outlet and charge. Throws a 250-yd. beam. With magnet. UL approved. Made in U.S.
813-200E1330 ..... $9.95



LIFE SAVER LANTERN & BLINKER

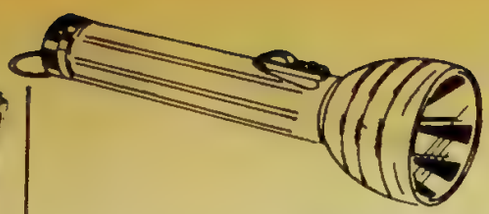
Giant hand lantern with adjustable red signal blinker on swinging arm. Big head front beam has 2000 ft. range. Red and chrome. 180° adjustable head housing. Uses 6V battery below.
812-P30E420 Lantern $3.29
811-731E400 Eveready battery for above $2.75



It Floats

WATERPROOF SEARCHLIGHT

Powerful sealed beam throws a light ¼ mile. Floats in upright position. Practically indestructible polypropylene, corrosion, grease, oil-proof. 7½" long, 5" diam. head. 3-way switch. Blinker light.
812-L33E430 Lantern $3.95
6 volt battery for above
811-509E180 ..... 1.39



QUALITY IMPORTED FLASHLIGHTS FOR EVERY NEED

POWERFUL 3-CELL FLASHLIGHT

For sportsmen, campers, motorists, home owners. Rugged aluminum body in dazzling chrome finish. Sturdy lens guard, switch and end cap. Battery not included.
812-781E160 ..... $1.50
2-Cell—otherwise as above.
812-380E140 ..... 1.25

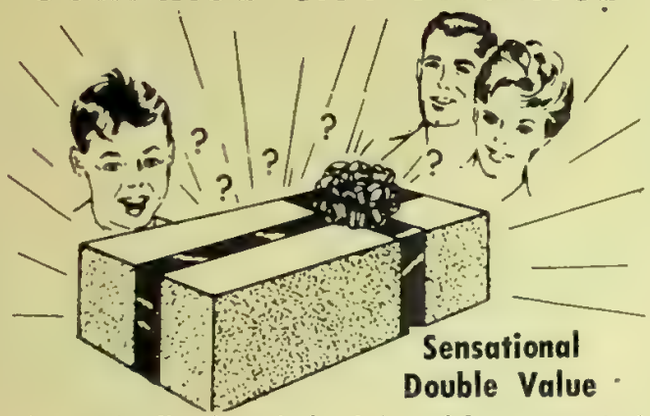
2-CELL MAGNETIC FLASHLIGHT

Striking chrome plated steel case with heavy duty magnet lets you work hands-free. Red safety ring. 300-ft. beam. Battery not included.
812-85E140 ..... $1.25
As Above, plastic case.
812-367E160 ..... 1.50

RECHARGEABLE FLASHLIGHT

Uses long-lasting, strong nickel cadmium power cells you recharge simply by removing end cap and plugging into any 110V AC outlet! No need to buy batteries. Throws a brilliant beam. Attractive style.
812-645E720 ..... $5.95

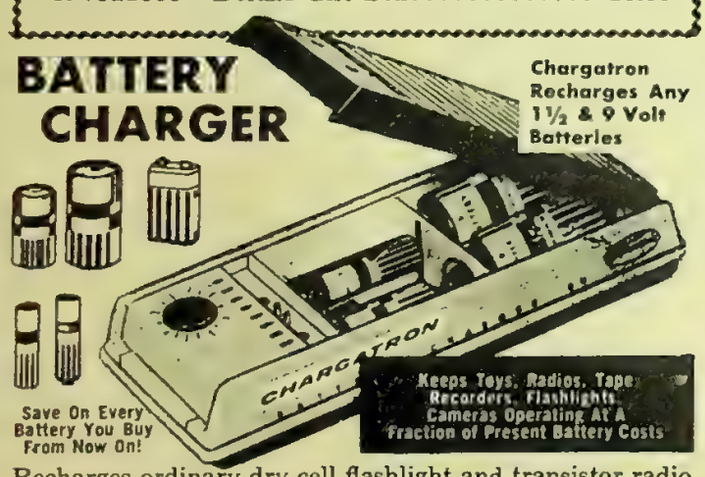
SURPRISE GIFT PACKAGE



Sensational Double Value

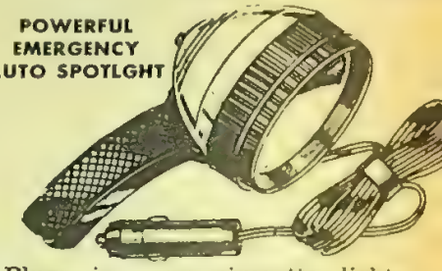
An outstanding bargain buy! A useful assortment of high quality items . . . one of a kind values, items from previous catalogs, discontinued merchandise, showroom samples. Terrific values, yours at great savings.
SP5E1000 Surprise Gift Box $12.50
SP10E2000 Deluxe Gift Box 25.00

BATTERY CHARGER

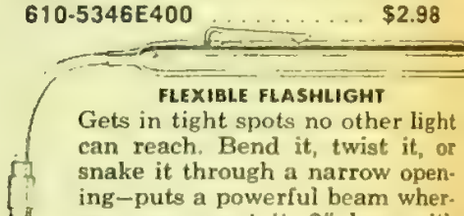


Recharges ordinary dry cell flashlight and transistor radio batteries, plus carbon-zinc, alkaline, nickel-cadmium and mercury batteries up to 15 times! The Chargatron recharges up to 4 "D", "C", or "AA" cells, or 3 flashlight cells and one 9V transistor batteries at one time. Plugs into 115V, AC outlet. Has red indicator light for "ON". Com-
815-BCE790 ..... $5.95

POWERFUL EMERGENCY AUTO SPOTLGHT



Plugs in your cigarette lighter. Throws a brilliant illuminating beam. Chrome-encased lamp head measures 3¾" in diameter. Bulb included. For 12 or 6 volt cars. Built in strap keeps 15' cord neatly in place. Plenty of cord to reach under the hood in case of motor trouble.
610-5346E400 ..... $2.98



FLEXIBLE FLASHLIGHT

Gets in tight spots no other light can reach. Bend it, twist it, or snake it through a narrow opening—puts a powerful beam wherever you want it. 9" long with ⅝" shaft. Chrome-plated case and pocket-clip switch. Uses standard batteries and bulb.
610-76875E180 ..... $1.50

BLASTING SIREN FRIGHTENS AWAY ATTACKERS-ROBBER

PERSONAL ALARM BRINGS HELP FAST

Purse-size protector alarm with blasting siren frightens away attackers and robbers . . . will not stop blasting even if thrown on ground or pulled from your hand. Only you can stop the siren.
408-PSA1E380 ..... $4.98

ATTENTION-GETTING AUTO WARNING SIGNAL

Flashing red warning signal can be used as hand signal or rubber suction cup base mounted on stranded vehicle for road emergencies. Dome made of plastic, base of high grade rubber. AMPLE cord to reach all parts of car Plugs into cigarette lighter socket. Stores easily in glove box or trunk.
905-102E230 ..... $2.98

MAGNETIC AUTO FLASHLIGHT

Designed exclusively for the automobile. Provides more light than a five-cell flashlight. Plugs into cigarette lighter socket.
10 Ft. cord reaches all parts of car. Plastic body glows red for safety.
935-106E250 ..... $2.98

EVEREADY FLASHLIGHTS AND LANTERNS EVEREADY

Dependable Power **Brilliant Beams**

EVEREADY . . . known the world over for quality and dependability. All Eveready flashlights, lanterns and batteries are designed and built for long-life and trouble-free service to assure you of light that won't fail in an emergency . . . when you need it most. Here on this page is an array of flashlights for every taste and pocket-book, plus quality lanterns and the finest possible batteries. All flashlights, lanterns, are sold without batteries.

EVEREADY MAGNET LIGHT

Attaches with a 15 lb. pull to anything metal. Powerful, permanent Alnico magnet. For the home, also ideal for auto repairs. Safety glow lens guard. Non-breakable lens. Complete with 2 "D" cell batteries.

811-8MFE280 Chrome case $2.59

EVEREADY CAPTAIN 3-WAY FLASHLIGHT

Switch on, off, or flasher. Non-tarnish, rust-proof copper-nickel-chromed steel.

811-9251E300 Uses 2 D cells.....$2.29
811-9951E390 Above, with Magnet. 2.95

MAGNETIC UTILITY LIGHT

Powerful spotlight with optically perfect reflector. Magnetic switch leaves hands free. Tough "Cordahide" polyethylene, insulated case. Non-breakable lens.

811-337E200 Uses 2 D cells.....$1.39

EVEREADY HEAVY-DUTY INDUSTRIAL FLASHLIGHTS

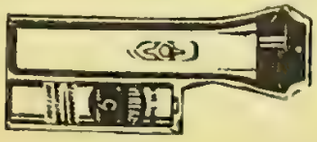
Insulated case won't shatter, crack or dent; won't deteriorate from water, oil, grease, gasoline, alcohol or acids, and is resistant to temperature changes. Replaceable insulated slide switch. Uses two #950 batteries.

811-1251E390 .....$2.89

As Above with extra safety features: Approved by U.S. Bureau of Mines for use in explosive gaseous atmospheres. UL listed. Extra lamp incl.

811-1259E550 .....4.15

EVEREADY "LITTLE JIM" MINIATURE FLASHLIGHT



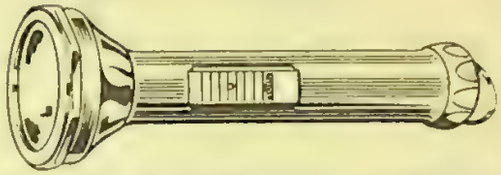
Personal size . . . powerful beam. 3¼" long chrome case with non-breakable head. Positive action switch, aluminized reflector.

811-B115E170 Complete with battery. $1.00

ALL AMERICAN EVEREADY FLASHLIGHT

Top quality at a new low price. Boasts safety-glow head of rugged, unbreakable polyethylene. Chromed nickel seamless case. Uses 2 or 3 D cells.

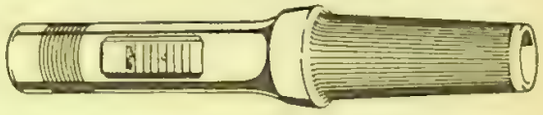
811-324E140 2-Cell Flashlight $1.20
811-329E230 3-Cell Flashlight 1.69



3 & 5 CELL FLASHLIGHTS by EVEREADY

All chromed sturdy case. Polyethylene safety glow lens guard, matching removable bottom. Order 950 or D99 batteries.

811-5352E390 3-Cell Flashlight....$2.95
811-5552E520 5-Cell Flashlight.... 3.95



EVEREADY TORCH LITE

Long range 5-signal wand: safety red glow visible for ½ mile; pre-focused piercing white beam; jumbo switch on heavy gauge seamless metal case. Uses two 950 batteries.

811-2T5E210 .....$1.59

EVEREADY RECHARGEABLE FLASHLIGHT

- **Never Needs Batteries**
- **Gives Twice the Light of Standard Lights**

Over 60 minutes of dependable light per charge. Simply plug power pack into any ordinary 110 V. AC outlet to recharge. Strong, functional, smartly styled case in compact, easy-to-hold contour. 3-way switch with on, off, and flasher. With Nickel Cadmium battery.

811-3300E1990 .....$14.95

with Flashing Red Beacon

EVEREADY LANTERN & BLINKER

Up to 2½ times more light output—1 Amp. sealed beam. Stainless steel . . . will not rust. Premium service Alkaline battery (not incl.) last longer, is weatherproof.

811-150E1680 Lantern-Flasher $14.00
811-520E660 6V Alkaline Bat... 4.95

EVEREADY BIG JIM LANTERN

Complete with Battery

Heavy-duty sealed beam lamp is visible up to one mile. Weatherproof push-button switches and wiring. 90° adjustable. Flashing safety warning light, too. Complete with 731 6 V. battery.

811-100WBE1780 .....$13.95

EVEREADY BATTERIES

A standard leak-proof battery with no sacrifice in service life or size.

811-950E380	"D"	Pkg. of 12	$3.00
811-509E180	6V Lantern	Ea.	1.39
811-6E180	1½V Ignitor	Ea.	1.35
811-1461E740	6V Hot Shot	Ea.	5.50
811-1463E840	12V Hot Shot	Ea.	5.98
811-216E96	9V Transis.	Ea.	.69
811-520E660	6V Alkaline	Ea.	4.95
811-731E400	6V Lantern	Ea.	2.95

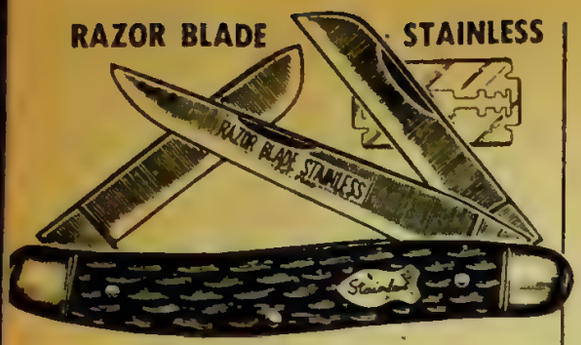
New! Alkaline Longlife D cell.

811-95E100 .....$ .75 ea.

EVEREADY PEN LIGHT

Small but powerful. Easily fits pocket or purse. Sure-action switch. With clip to "wear" on pocket or belt. All chrome. Complete with 2 batteries.

811-315E240 .....$1.70

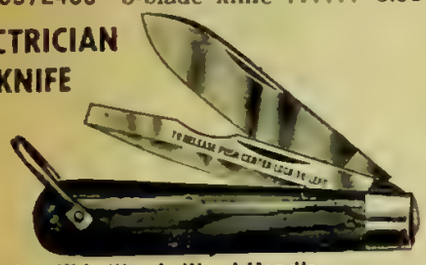


STEEL BLADE KNIFE WITH UNBREAKABLE STAGLON HANDLE

Exclusive sharp-as-a-razor stainless steel knife blade makes all other knives obsolete, yet costs no more than ordinary knives! Cuts cleaner, lasts longer. Each blade is micrometer-checked, hand-honed and hand-edged to five long-lasting friction-free use.

816-695E360 2-blade knife $2.95
816-697E480 3-blade knife 3.95

ELECTRICIAN KNIFE

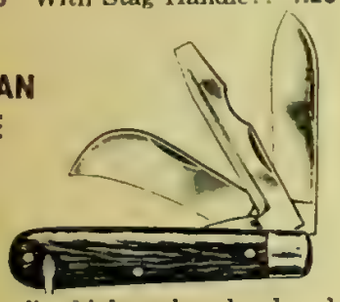


- Indestructible Wonda-Wood Handle
- One Spear, One Screwdriver-Wire Scraper Blade

3¾" long. Safety lock keeps screwdriver blade open when used. Handle won't crack.

803-2900E250 .....$2.50
803-750E150 With Stag Handle.. 1.25

ELECTRICIAN 3-BLADE KNIFE



Rosewood handle, high carbon hardened and tempered blades. Screw driver blade with press lock, special hook blade to splice, etc.

803-2903E380 .....$2.50

FANCY SPANISH DAGGER

Beautifully designed and engraved to enhance any desk or knick-knack shelf. Razor sharp blade doubles as a letter opener. An unusual gift. Leather sheath colorfully embossed with odd designs. Attractive gilt colored handle. 11" overall length.

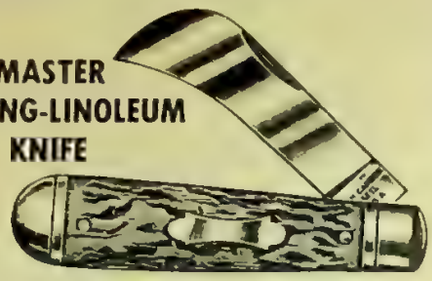
805-591E900 ..... $9.95

HUNTING KNIFE

Stag handle with 5" long (1" wide) blade that goes clear through handle—2 brass rivets. Steel guard. Leather sheath.

604-60E220 9" long overall $1.95

MASTER PRUNING-LINOLEUM KNIFE



Ideal for linoleum cutting, pruning. Expertly made. High carbon steel blade, hardened and tempered. Molded tenite stag handle. Nickel alloy bolsters.

803-751E140 .....$1.25

STANLEY

UTILITY KNIFE

Retractable heavy-duty blade stops in 2 handy positions. Die-cast aluminum handle.

200-99E210 .....$1.50
200-299E140 Non-Retract. Blade. 1.00

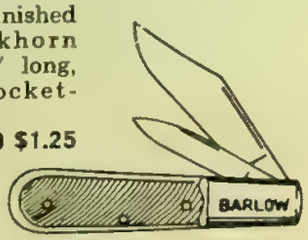
Blades for Above—Sold in Boxes of 25.

200-1991E350 Regular Blades ...$2.50
200-1992E420 Heavy-Duty Blades 3.00
200-1994E660 Stainless Steel Blades 4.50

BARLOW 2-BLADE JACK KNIFE

Quality-made popular style knife has two highly finished blades. Buckhorn handle. 3½" long, closed. Pocket-sized.

803-292E160 $1.25



2-BLADE CATTLEMAN KNIFE

Two blades, both carefully honed and highly finished. Fold compactly into 3¾" long stag-look high-impact handle.

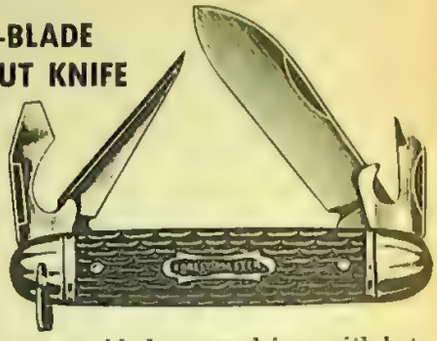
803-1202E190 ..... $1.60

ALL-PURPOSE OUTDOOR KNIFE

For hunters, campers, picnicers, boy scouts. Made in U.S.A. with high carbon cutlery steel blades, hardened and tempered. All stag handle of molded tenite. Bolsters are durable, long-wearing nickel alloy. Full mirror polished blades for long life.

803-2644E210 .....$1.75

4-BLADE SCOUT KNIFE



4 blades—spear blade, screwdriver with bottle opener, can opener, awl, leather punch. Fully polished. Stag handle. Nickel bolster.

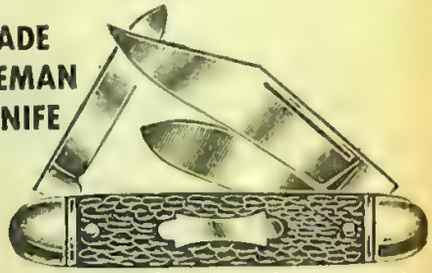
803-1200E190 3¹¹⁄₁₀" long $1.50

3-BLADE SERPENTINE

Durably made 3-blade pocket jack with highly polished, hardened and tempered blades. All stag handle. Polished bolsters.

803-4633E220 3⅜" long $1.70

3-BLADE CATTLEMAN JR. KNIFE



Mirror-polished hardened and tempered blades for general utility. With quality stag handle for long life. Nickeled bolsters.

803-553E180 3½" long $1.60

2-BLADE STAINLESS STEEL KNIFE

Stainless steel blades for a cleaner cut, longer life. Stag handle. 3" long.

803-600E160
$1.40

3-BLADE BANTAM

Extra compact. 3 highly polished hardened and tempered blades. Stag handle. 2¾" lg.

803-493E160
$1.25

SAVE! ON PRACTICAL CAMPING EQUIPMENT

DOUBLE SIDE-ROOM UMBRELLA TENT

A Complete 3-Room Family Camper

Divider curtains convert this superb tent into 3 rooms. Big cut size—18'6"x9'6" with finished 18'x9' base size, 7'6" center. Top is made of rugged 7.88 oz. duck and sides are 6 oz. D.R.I. 500 water and mildew resistant dry finish drill. With sewed-in floor, 3 nylon screened zipper windows with storm shields. Aluminum exterior frame eliminates inside posts, goes up quickly, telescopes.

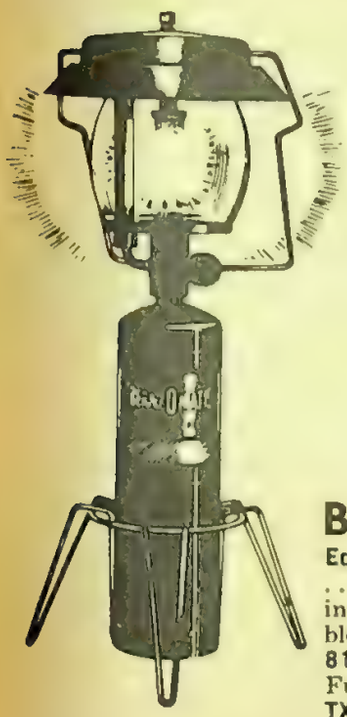
804-DS918E22000 Spring Green color **$185.00**
804-DS919E22000 Blue color **185.00**

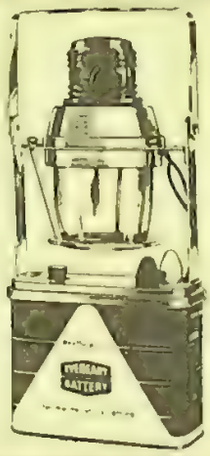
BUDGETEER UMBRELLA TENT

With Sewed-in Floor to Protect Against Elements

Home-away-from-home comfort at a tiny price. Big 9'x9' cut size; finished 8'6"x8'6" base with 6'11" center height, 5'3" high, 40" sq. eaves. Top is 6.74 oz. drill, sides 6 oz. drill—special D.R.I. 500 dry finish water and mildew-resistant Forester cotton drill in lovely Spring Green color. With sewn-in floor, nylon screened zipper door and nylon screened window. Jointed hardwood center pole and eave frame eliminates spreader arms inside tent. Hardwood stakes.

804-BU099E7320 Shpg. wt. 25 lbs. **$54.95**





PORTABLE CAMP LAMP

- Automatic Red Warning Blinker
- Battery Powered—Needs no Outlet
- Rotates 360°—Directs Light Wherever It Is Needed

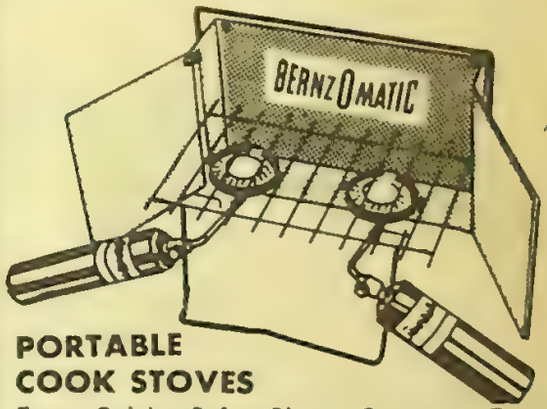
A must for campers, hunters, fishermen, or up at the cabin. A dependable source of light and a handy warning beacon for emergencies as well. Uses a G-E No. 425 bulb for wide angle illumination, and a No. 731 Eveready 6 volt battery. Safe and reliable. Imported.

812-P10E480 Lantern **$3.50**
812-731E400 6V Batt. **2.95**

Bernz-O-Matic LANTERN

Equivalent to 100 watt bulb. Uses propane cylinders . . . just strike a match, turn a valve for brilliant lighting. Built-in reflector for 360° light beam. Wind can't blow it out.

814-7E1730 ..... **$12.95**
Fuel Refill
TX9E250 ..... **2.00**



PORTABLE COOK STOVES

Easy • Quick • Safe • Clean • Compact • Rugged Instant Lighting. Light a match, turn a valve—start to cook. Perks 6 cups of coffee in 8 minutes with steady, even flame. Nothing to fill, spill, pump, prime or flare. Operates on safe, disposable fuel cylinders. No dangerous liquid fuel to haul! No carbon clogging, no blackended pans to scrub. Carries and folds with suitcase ease. Steel construction, rust-resisting finish. Protective windshields. Each cylinder lasts 5-7 hours. Includes fuel cylinder.

814-8E3060 Double Burner Stove **$22.95**
814-5E2000 Single Burner Stove **14.95**
814-9E250 Refill Fuel Cylinder **2.00**

WORLD'S THINNEST KNIFE

SMALLER THAN A CIGARETTE

WORLD'S SLIMMEST POCKET KNIFE with two blades is twice as useful and only half the size of ordinary pocket knives. Men will love its compact size — only 2⅞" long when closed—and the sleek styling that won't bulge the pocket. Two stainless blades are safely concealed in the burnt stained stag handle.

803-4122E150 . . . **$1.29**

SHEFFIELD STEEL KNIVES

(A) WORLD'S SHARPEST KNIFE. All-purpose knife with stainless steel blade. Imported from Sheffield, England. Cuts tomatoes wafer-thin, or slices right thru a phone book.

608-9010E200 ..... **$1.50**

(B) POCKET FISH KNIFE. 5" closed. 2 blades, pearl handle with shackle.

805-162E200 ..... **$1.95**

(C) DELUXE FLOATING FISH KNIFE. Stainless steel blades. Has bottle opener, can opener and 2 blades — large blade 5" with scaler. Small blade 2¼". Specially designed handle floats if dropped in the water . . . can't be washed away and lost. Comes complete with protective blade sheaths.

805-131BE220 .... **$1.95**

SPALDING ATHLETIC EQUIPMENT

JOHNNY CALLISON PROFESSIONAL MODEL

Five fingers fielders' glove. Top quality . . . large size. Sturdy Super-Flex web with double tie-down crotch and spiral-wrapped whipping. Modified U-shaped heel with E-Z Flex hinge. Full leather lining. Adjustable tie-down wrist strap for comfort.

42-247E2990 Regular $22.95
42-248E2990 Left Handers 22.95

WHITEY FORD AUTOGRAPH

Versatile full size glove of finest glove leather. Two-ply Super-Flex web with spiral-wrapped whipping. Narrow L-shaped heel design. Full leather lining. Adjustable tie-down wrist strap for individualized comfort.

42-345E1850 Regulars $12.45
42-346E1850 Left Handers 12.45

RICHIE ALLEN SIGNATURE

Flexible medium-size glove with 1-pc., 2-ply web and E-Z Flex palm hinge. Partial sueded cowhide lining. Adjustable button-type wrist strap for comfort. Broken-in and ready for action.

42-385E1190 . . . . . $7.95

REGULATION BASEBALL

Official League baseball . . . regulation hard ball with lively rubber center wound with wool and cotton. Genuine horsehide covered for durability.

41-137E280 . . . . . $1.90

SPALDING TENNIS BALLS

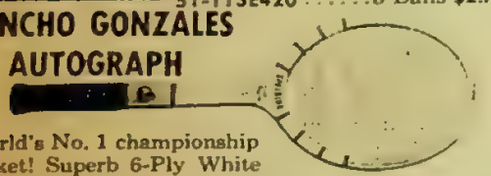
"PANCHO GONZALES"—Approved by U.S.L.T.A. Uniform in size, wt., rebound. Sealed can.

51-105E320 . . . . . 3 Balls $2.40

HEAVY DUTY—Championship tennis ball. Extra-tough abrasion resistant covers. Sealed can.

51-113E420 . . . . . 3 Balls $2.75

PANCHO GONZALES AUTOGRAPH



World's No. 1 championship racket! Superb 6-Ply White Ash frame, rounded Ash overlays. Rawhide reinforced outside shoulders, white fiber inside. Fibre-welded throat. Perforated tan leather grip. Grip sizes 4½", Small; 4⅝" Sm. or Med.; 4¾" Medium; 4⅞" Large. Specify.
With Multi-Filament Nylon String.

52-205E3290 . . . . . $24.60
52-105E2830 Frame only 20.40

PANCHO GONZALES SIGNATURE

Fine White Ash frame, black fiber shoulder overlays. White fibre-welded throat, white fiber reinforced outside shoulders. Black perforated leather grip. Multi-filament nylon string.

52-251E1600 4½" and 4⅝" grip $12.45
DORIS HART. For ladies. 4⅜" and 4½" grips.
52-255E1600 . . . . . 12.45

SOFTBALL GLOVE

Large size baseman's mitt. With stitched leather edge roll framing in deep soft pocket. 2-pc. double fold web joined to extended palm by double crisscross lacing. Horseshoe overlay. Leather laced throughout. Leather face lining. Adjustable, lined wrist strap.

42-625E1990 Regular $14.40

SPALDING SOFTBALL

Leather covered official corkore special. 12" flat-seam. Cork center, Duracord wound with latex bonding. Select White leather cover for durability.

41-505E390 . . . . . $2.90

SPALDING JIM TAYLOR FOOTBALL

Endorsed by Green Bay Packers Jim Taylor. Pebble grain leather cover, lockstitched. Triple-lined. Double Rawhide laced. Butyl bladder.

61-448E1790 . . . . . $13.00
LEN DAWSON. Same, but double fabric lining.
61-472E1200 . . 8.75

BASKETBALL SET

All-new . . . popular-priced. Includes rugged Official Ny-Weave basketball, sturdy ⅜" diam. regulation 18" orange ring with 8 welded no-tie net hooks, 30-thread white net. With easy mounting instructions.

65-115E1760 . . Set $12.45

WILT CHAMBERLAIN BASKETBALL

Best quality-built Ny-Weave basketball named for scoring ace of the San Francisco Warriors. Top-grade Permalite rubber cover in orange color. Nylon winding for lifetime concentricity. Official size.

61-241E1380 . . . . . $9.95

TROPHY BADMINTON DOUBLES SET

Complete! 4 four-ply beech rackets—two red and white, two blue-and white, all with gold-lined rubber grips—two plastic shuttlecocks, badminton net, two 3-pc. net posts, accessories, rule book.

55-161E1280 . . . . . Set $9.60

SPALDING "CHALLENGE"

Custom Line racket with blue and white shoulder overlays, natural shaft. Eight-ply deluxe frame of finest Beech with White wood and fiber laminations. Black and White spiral wound Nylon strings. Perforated Black leather grip with gold stripe.

52-271E1000 . . . . . $7.25

SEND $1.00 FOR COMPLETE 114 PAGE SPALDING CATALOG . . . featuring golf clubs and carts, football and boxing accessories, track shoes, masks, guards, body protectors, soccerballs, volleyballs and paddle tennis equipment.

MARKSMAN

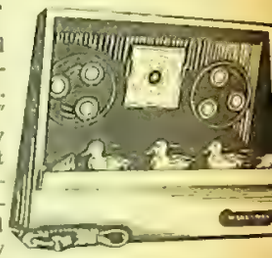
20 SHOT BB REPEATER
POWERFUL ACCURATE
ALSO SHOOTS PELLETS & DARTS

A hard-hitting, accurate .177 caliber air pistol; precisely engineered and balanced; all metal construction.

- Fast load, easy action—20-shot BB repeater
- Also shoots .177 cal. pellets and air gun darts
- Lifetime "built-in power" — no costly CO_2 cartridges needed
- Positive "off-on" safety prevents accidents
- Sturdy all-metal construction; has weight and feel of a real .45 automatic
- Tough, durable baked-on black satin finish
- Complete with BB's, pellets and darts

809-MPRE1190 . . . . . $9.95

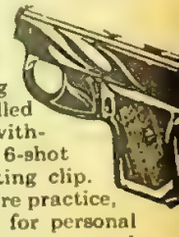
MOVING TARGET



Electrically operated moving targets and bell-ringing bull's-eye target. Compact 18" x 13" x 6" unit. Made of sturdy heavy gauge steel, yet weighs only 8 lbs. Powered by long-life heavy-duty 110V UL approved motor. For use with any .177 or .22 cal. air pistols, rifles. Safe, controlled ricochet.

809-MTE2390 Target Only $17.95
809-MTSE3230 Target, Pistol Above 24.90

.22 CAL. STARTER PISTOL



.22 caliber blank automatic training pistol. Precision made by skilled European gunsmiths. Now priced within the reach of every sportsman. 6-shot automatic repeater with self-ejecting clip. Perfect for dog-training, for rapidfire practice, for sporting, stage events. Useful for personal protection. Fits easily in pocket or purse—only 4" long. Cannot be sold to minors. Not sold in California or N.Y. city.

805-302E-1090 6-Shot $9.95

POCKET HAND WARMER

For hunters, fishermen and sportsmen. Large size for all-day warmth. Highly polished nickel-plated case, in pouch. With instructions.

900-HWE170 $1.50

SHOP FOR ALL YOUR TOOL NEEDS AT OUR MONEY-SAVING PRICES.

CAST ALUMINUM WEATHER VANE

Distinctively styled precision wind-direction indicator. Strong, non-rust cast aluminum with full 21" classic arrow and choice of two 3-D ornaments. Universal mount attaches to any roof quickly. Height—30". Choice of two 3-D models.

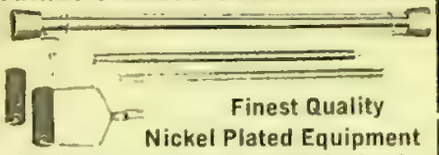
546-WV55E1500 Cock $12.50
546-WV50E1500 Coach 12.50

ISOMETRIC EXERCISER KIT

Whitely famous muscle development exercisers to fill the needs of the entire family. Includes 2 chrome-plated bars; heavy duty, easily - adjusted Isometric strap and head harness. Most effective home exercise kit devised. With instructions, exerciser chart.

808-IKIE890 ..... $6.95

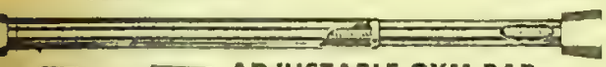
FAMILY FITNESS COMBINATION



Finest Quality Nickel Plated Equipment

Perfect physical coordination and body fitness for each member of the family . . . Gym Bar, 2 Springs with Handles. Can be used as a Chest Pull, Wall Pull, Rowing Machine. With complete Illustrated Instructions.

808-GB2E1090 ..... $8.95

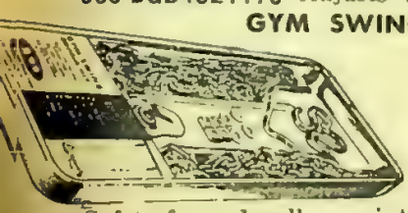


ADJUSTABLE GYM BAR

Now . . . a gym bar that fits any size door. Adjustable, tension pole type design . . . supports over 200 lbs. "Lock-Tite" rubber ends really HOLD, yet can't mar door frame. Two sizes

808-DGBE890 Adjusts to 32" $6.95
808-DGB40E1170 Adjusts to 40" 8.95

GYM SWING KIT



Safety-formed yellow painted all-metal seat with rolled edges. Size: 5¾"x15¾". Complete with 2 eye bolts, 2 ball bearings 2 5-ft. chains, 1 seat, 4 washers, 4 nuts, 2 brackets.

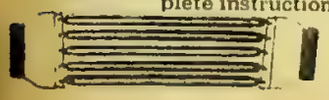
542-807E480 ..... $4.00

POWER GRIP

Variable tension—1 to 6 springs . . . the only progresive exerciser for hands, wrists and arms.

808-23E500 ..... $3.98

With the REAL "Saf-Tee" handles—Molded non slip grip and all metal at friction bearing points for true safety. Springs or Cables as only Whitely makes them — nickel plated — proper tension—progressive . . . from 1 to 5 heavy nickel plated springs. With complete instructions.



CHEST PULLS

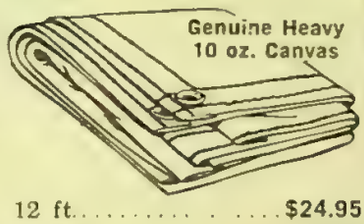
808-50E840 .... $6.95

BUILD YOUR OWN OUTDOOR WATERFALL

All you need is a shovel . . . the Little Giant kits include everything else! . . . hermetically sealed, never-need-lubrication pump runs totally under water; plastic pool and waterfall liner; plastic tubing, hose clamp and restrictor clamp. Complete instructions.

3 COMPLETE KITS	#1 Kit	#2 Kit	#3 Kit
Pump Capacity	205 GPH	250 GPH	670 GPH
Fountain Liner Size	8-ft.x8-ft.	8-ft.x14-ft.	8-ft.x18-ft.
Max Overall Size	6-ft.x8-ft.	8-ft.x12-ft.	8-ft.x16-ft.
Hose length (to return water to top)	6-ft.	8-ft.	8-ft.
Length of shock-proof UL 3-prong cord/plug	6-ft.	12-ft.	12-ft.
519-1WFLE3990	No. 1 Kit	205 GPH	$29.95
519-2WFLE4670	No. 2 Kit	250 GPH	39.50
519-3WFLE8680	No. 3 Kit	670 GPH	79.50

TARPAULINS



Genuine Heavy 10 oz. Canvas

Waterproof, fully-treated rot-proof, mildew-proof canvas with double - stitched seams. Brass grommets every 3 feet.

17012E2400	10 ft. x 12 ft.	$24.95
17216E3900	12 ft. x 16 ft.	34.95
17520E5400	15 ft. x 20 ft.	49.95
17020E7500	20 ft. x 20 ft.	69.95
17824E8000	18 ft. x 24 ft.	79.95
17030E11000	20 ft. x 30 ft.	89.95

CAR COVER

BOAT COVER

Portable carport! Slips on easily to provide instant-allweather protection for car, boat, anything. Heavy - gauge, durable, see - thru plastic. Protects against salt water. 13½x24-ft. with 8 grommets.

751-B12E660 Folds up $4.98

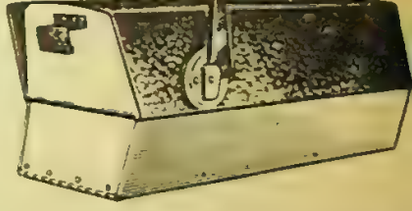
STEEL LETTERS, FIGURES

Hardened tempered sharp, clean faces produce clear long-lived impressions. Tool steel blanks.

337-L18E880	⅛" Letters	$6.59
337-L36E1160	3/16" Letters	8.69
337-L14E1360	¼" Letters	10.19
337-L38E1960	⅜" Letters	14.69
337-F18E330	⅛" Figures	2.45
337-F36E400	3/16" Figures	2.99
337-F14E460	¼" Figures	3.49
337-F38E660	⅜" Figures	4.99

MAIL BOXES

New Approved Design



Approved by Postmaster General. Attractive new design; welded heavy-gauge galvanized steel construction. Weather-seal latch; full-length hinge. Black and Silver.

552-4064E1200 ..... $8.29

UNFINISHED HARDWOOD LEGS

Graceful, tapered select hardwood legs . . . ready to finish to suit any new or old table, any period. 2-way base plates for straight or flared installation. Brass self-level glide.

509-WD4E320	3½" Set of 4	$2.75
509-WD6E360	6" Set of 4	3.00
509-WD9E440	9" Set of 4	3.50
509-WD12E480	12" Set of 4	4.00
509-WD16E620	16" Set of 4	5.00
509-WD22E660	22" Set of 4	5.50
509-WD28E730	28" Set of 4	6.00

ELECTRIC CHARCOAL LIGHTER

Easiest way to start your barbecue fire. Just plug into any 110V AC outlet. 375 watts.

926-77E360 .... $2.95

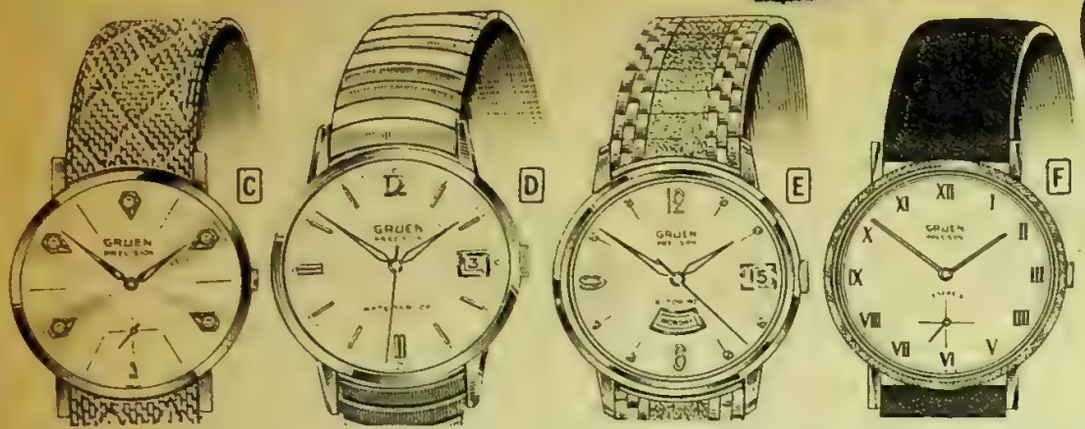
PATIO BELL—6" ALL BRASS

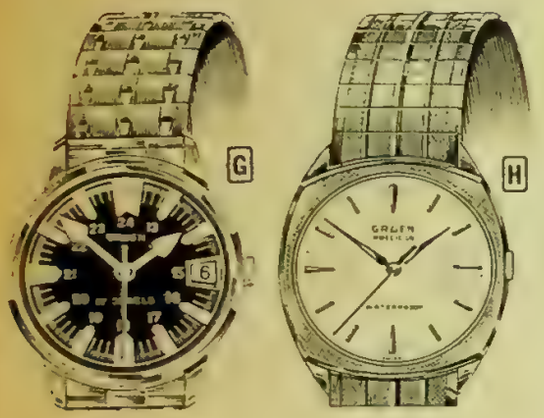
Summon the gang to the barbecue or dinner table in the old - fashioned way with this outdoor genuine barbecue bell. Polished brass with black horseshoe bracket, leather thong pull. 6" diameter.

543-2360E920 2½ lbs. $6.95

GRUEN *Precision*

The Quality Watch Since 1874





(A) AUTOWIND TYCOON 25 JEWEL—14K GOLD
25 jewel Gruen Precision movement. 14 karat yellow gold case. Selfwinding, waterproof. Unbreakable mainspring, anti-magnetic. Shock resistant and dustproof.
875-35901E13680 ..... $100.00

(B) SEA CALENDAR 25 JEWEL—AUTOMATIC
25 jewels. Magnified date window. Self-winding, waterproof. Shock and dust resistant. Unbreakable mainspring, anti-magnetic. Nite-glo dial. Expansion band.
875-35605E8990 ..... $67.50

(C) DIAMOND BLAIR 17 JEWEL—5 DIAMONDS
5 diamond dial. 17 jewels. Shock and dust resistant. Unbreakable mainspring, anti-magnetic. Chrome plate top, stainless steel back. Expansion band.
875-17406E8480 ..... $63.25

(D) OCEAN DATE 17 JEWEL—CALENDAR
Magnified date-calendar window. Waterproof. 17 jewel Gruen Precision movement. Unbreakable mainspring, anti-magnetic. Chrome plate top, stainless steel back. Expansion band.
875-27408E4650 White Dial. $34.75
875-27408E4650 Black Dial. 34.75

(E) AUTOWIND SKYMASTER 17 JEWEL—DAY AND DATE
Tells time, day and date. Self-winding, waterproof. Shock and dust resist. 17 jewels. Unbreakable mainspring, anti-magnetic. Yellow top, stainless steel back. Expansion band. Nite-glo hands.
875-37606E7940 Yellow Case. $59.00
875-37506E7650 White Case. 57.00

(F) SIR VINCENT 17 JEWEL—ROMAN NUMERAL
17 jewels. Yellow top, stainless steel back. Florentine. Unbreakable mainspring. Anti-magnetic. Shock and dust resistant.
875-17622E4380 ..... $32.50

(G) COMMANDO 24 HOUR—CALENDAR
Waterproof. Calendar. 17 jewels. All stainless steel case. Anti-magnetic. Shock and dust resistant. Unbreakable mainspring. Nite-glo dial. Expansion band.
875-27505E5460 ..... $40.77

(H) LOMBARD 17 JEWEL
Waterproof. Florentine. Shock and dust resist. 17 jewels. Yellow top, stainless steel back Unbreakable mainspring, anti-magnetic. Expansion band.
875-27611E5740 Yellow, White Dial. $42.98
875-27611Z E5740 Yellow, Black Dial. 42.98
875-27412E5190 White, White Dial. 38.75

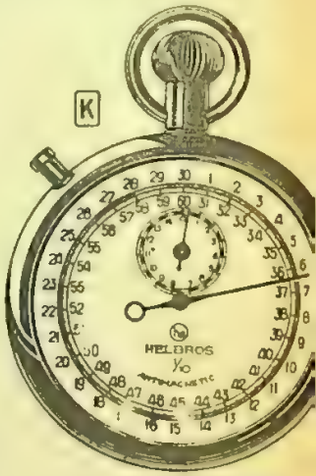
All Sports CALENDAR STOP-WRIST WATCH

For all men on the go. Accurately time sporting events. 60-minute timer, sweep second hand. Tested to 5 atmospheres 169'. Guaranteed waterproof as long as crystal, case, crown remain intact. Electronically time-tested. Shock-resistant. Anti-magnetic. Automatically records date. Leatherette band.
869-609E2000 Black dial. $13.00

Electronic

(J) STOP WATCH-TIMER
For sportsmen, industry, schools, gyms, wherever accurate, split-second timing is needed. Dial calibrated in 1/10th and full seconds, inner dial registers up to 15 minutes. Time-out, stop-go and instant zero-return.
860-T2E1940 Chrome Case. $17.50

(K) SOVEREIGN ELECTRONIC
No main-spring. A tiny energy cell plus an electronic circuit achieve split second accuracy. No winding. Waterproof, shock-absorbing, anti-magnetic. Luminous hands, sweep second hand, genuine leather strap, stainless steel back.
876-8288E6600 Yel. Face $49.95
876-8287E6600 White Face 49.95



HELBROS *Lifetime Guarantee*

All movement parts, in every Helbros watch are guaranteed never to break, and will be replaced by factory without charge for parts.

17 JEWEL
(L) WATERPROOF CALENDAR
Rugged, handsome sweep second hand, 17 life-time jewels. Unbreakable mainspring, expansion band, anti-magnetic, shock-resistant. Stainless steel.
33922E3590 ..... $35.00
With Automatic Calendar
33772E3420 ..... $32.50
Without Calendar Feature

(M) CHRONOMETER STOP-WRIST WATCH
17 lifetime jewels. Pushbuttons control stopwatch in 5ths of a second to ½ hour. Speed and distance computing scales with time-out feature. Chromed top case, stainless steel back, black leather strap.
29812E6800 Black Dial. $59.75
29802E6800 Grey Dial. $59.75

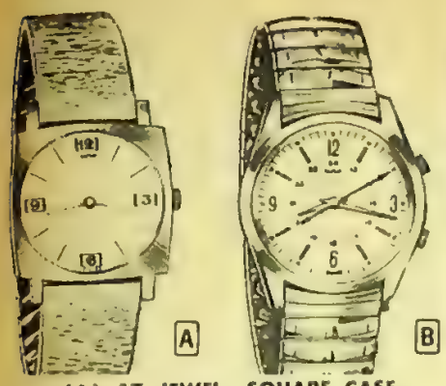
17 JEWEL
(N) SELF-WIND CALENDAR
Guaranteed waterproof — safe to 600-ft. depth of water. Shows date automtically, winds itself automatically. Shock-resistant, anti-magnetic 17 lifetime-jewel movement. Shows time elapse. White case, Black nylon strap.
SD206E6600 ..... $65.00

WALTHAM

LIFETIME GUARANTEED MOVEMENT PARTS

Brilliantly styled, superbly crafted watches for men and ladies. Here are products of Waltham's tradition of fine quality craftsmanship, with careful attention given to every detail. Every Waltham watch features an unbreakable mainspring and shock-resistant movement. Each watch is designed to be cherished today, tomorrow, and always

*Guaranteed waterproof as long as case, crown, crystal remain intact.



(A) 17 JEWEL—SQUARE CASE

LORD BENTON Y: A masterful combination of the watchmaker's craft and the jeweler's art. All yellow dress watch with 10K gold-filled expansion band. 17 jewel movement.
861-B573E7780 ... White dial. $76.90
861-B574E7780 .champagne dial. ..$76.90

(B) 17 JEWEL ALARM—SELF WINDING

SEA ALARM Y: Automatic alarm signal keeps you on schedule. 17 jewels. Yellow top case, stainless steel back is waterproof.* 10K gold-filled expansion band. Luminous hands, dots; sweep second hand. Military time scale.
861-H713E8850 .....$88.00

SEA ALARM WB: Same as above in stainless steel case with black dial, luminous hour markers.
861-H712E8650 .....$86.25

SEA ALARM W: stainless steel case white dial
861-H711E8650 .....$86.25

(C) 17 JEWEL—SELF WINDING CALENDAR

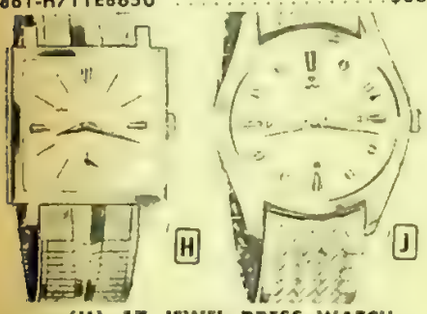
AUTO-DATO-CAL Y: Waterproof* yellow top case, stainless steel back. 10K gold-filled expansion band. Luminous hands, dots;
861-G705E9700 .....$96.75

AUTO-DATO-CAL W: all stainless steel case.
861-G704E8900 .....$88.75

(D) 21 JEWEL—SELF WINDING

AUTO VOYAGER Y: Self-winding 21 jewel dress watch. Waterproof* yellow top case, stainless steel back. 10K gold-filled band. Luminous hands, dots, sweep second.
861-E657E6100 .....$60.75

AUTO VOYAGER W: in stainless steel case.
861-E656E5580 .....$55.20



(H) 17 JEWEL DRESS WATCH

SIR BRENTWOOD Y: Traditional dress watch will always be in good taste. Accurate 17 jewel movement. Yellow top case, stainless steel back. Expansion band. White dial.
861-B569E5300 .....$52.75

SIR BRENTWOOD YB: with black dial.
861-B570E5300 .....$52.75

(J) 17 JEWEL—SELF WINDING

AUTO CREST Y: Self-winding. 17 jewels. Waterproof* yellow top case, stainless steel back. Expansion band. Luminous hands, dots; sweep second hand. White dial.
861-E647E5580 .....$55.50
861-E648E5580 . Yellow dial.....$55.00
861-E645E4980 White, white dial....$49.25

(K) 17 JEWEL—ULTRA THIN

SIR DUKE Y: Ultra-thin design for the man who demands a distinctive, tailored timepiece. 17 jewels. Yellow top case, stainless steel back. Expansion band. White dial.
861-B567E5140 .....$51.00

SIR DUKE YC: Same with champagne dial.
861-B568E5140 .....$51.00

(L) 21 JEWEL OCEAN DART

OCEAN DART "21" W: 21 jewel movement. Waterproof* all stainless steel case. Expansion band. Luminous hands and hour dots; sweep second hand.
861-D632E4650 .....$46.00

OCEAN DART "21" Y: Above, yellow, stainless steel back.
861-D633E4900 .....$48.75

100 JEWEL SELF WINDING WATCH

AUTOCHRON WALTHAM Y: A watchmaker's pride! 100 functional jewels for a lifetime of outstanding performance. Self-winding and it tells the date. Waterproof* all yellow case. 10K gold-filled expansion band. White dial: luminous. Sweep second hand.
861-G700E13900 $136.00

AUTOCHRON WALTHAM YC: Same as above, champagne dial.
861-G701E13900 $136.00

AUTOCHRON WALTHAM W: Same as above, stainless steel case.
861-G699E13300 $132.50

(E) 17 JEWEL CALENDAR

CALENDAR BUCCANEER W: Tells time and date! 17 jewels. Waterproof* white top case, stainless steel back. Expansion band. Luminous hands, dots; sweep second hand.
861-F668E4380 .....$43.95

CALENDAR BUCCANEER Y: yellow, stainless steel back.
861-F670E4780 .....$47.50

(F) 17 JEWEL CAPSULE

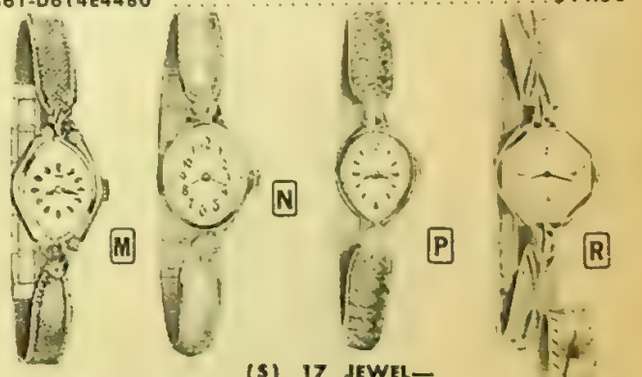
SEA CAPSULE W: The perfect watch for demanding, everyday wear. 17 jewel movement. Waterproof* white top case, stainless steel back. Expansion band. Luminous hands, dots; sweep second.
861-D607E3950 .....$39.00

SEA CAPSULE Y: yellow, stainless steel back.
861-D608E4490 .....$44.50

(G) 17 JEWEL EMPIRE

SEA EMPIRE W: A sturdy daily companion with the accent on styling. 17 jewel movement. Waterproof* white top case, stainless steel back. Expansion band. Luminous hands, dots; sweep second.
861-D612E3950 .....$39.00

SEA EMPIRE YC: in yellow, champagne dial.
861-D614E4480 .....$44.50



DAINTY, ELEGANT LADIES' WRIST WATCHES

(M) 21 JEWEL 4 DIAMOND

DIAMOND EVELYN W: 4 diamonds. 21 jewels. White top case, steel back. 10K gold-filled wide bracelet.
861-W883E7500 ..$74.75

DIAMOND EVELYN Y: As above in yellow.
861-W884E7500 ..$74.75

(N) 17 JEWEL 14K GOLD

GOLDEN DARLENE Y: 14K yellow gold case. 17 jewel movement. Wide fashion bracelet.
861-S791E5590 ...$55.25

GOLDEN DARLENE W: Same in 14K white gold.
861-S792E5590 ...$55.25

(P) 17 JEWEL PETITE

MISS SONATA Y: Ultra-petite. 17 jewels. Yellow top case, stainless steel back. Wide fashion bracelet.
861-Y822E5140 ..$51.00

MISS SONATA W: As above in white.
861-Y823E5140 ..$51.00

(R) 21 JEWEL—OCTAGON

LADY IDA "21" Y: 21 jewels. Octagon-shaped yellow top case, steel back. Wide fashion bracelet.
861-S797E4850 ...$48.00

LADY IDA "21" W: As above in white.
861-S799E4850 ...$48.00

(S) 17 JEWEL—MARQUISE

MISS DIANE Y: 17 jewel dress watch. Marquise shaped yellow top case, stainless steel back. Wide fashion bracelet. Faceted crystal styling.
861-S779E4500 ..$44.75

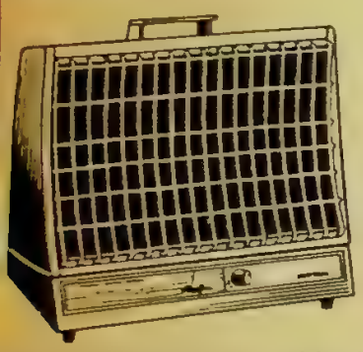
MISS DIANE W: Same as above in white.
861-S780E4500 ..$44.75

THERMO-WARE
CORDLESS ELECTRIC TOOTHBRUSH
RECHARGEABLE

Powered by GENERAL ELECTRIC Energy Cell

Cleans, polishes and massages so much more efficiently than hand brushing. Lets you enjoy the approved orbital brushing action only an electric toothbrush can give as recommended by leading dental authorities. Reaches hard to clean places with ease. Safe, shockproof, portable. Complete with sanitary, clear, air-flow brush cover, convenient wall-mounted snap-in and recharge unit and 4 snap-in color-coded brushes for sanitary use by every member of the family. To recharge, plug into ordinary AC household outlet.

868-800E1740 ..... $18.95



Atlas Fire

Fan-Forced Air
1650 Watts

Built-in thermostat has positive "off" and warm-to-hot temperature range control. Instant-heat wide-ribbon element, convection blower forced heat. Safety switch shut-off is automatic if heater tips over or tilts as little as 30°. Highly polished steel heat reflector. Heavily chromed nickel safety grill. Non-corrosive handle. Non-marking black feet. 15" H., 16 W., 8" D.

858-3360E2760 1650 watts—with fan $21.95

MANNING–BOWMAN HOME HAIR-CARE AIDS

5-PC. HOME HAIR CUTTING KIT

Budget-priced outfit for quality, professional home barbering. Includes deluxe electric clipper, barber shears, tapering comb, illustrated booklet. Professional type clipper with chrome plated No. 000 size cutlery steel blades. Magnetic motor, 115V, 15 watts, AC.

851-25457E1380 ..... $10.00

Compact, Attractive Carry Case

MANNING-BOWMAN PORTABLE HAIR DRYER

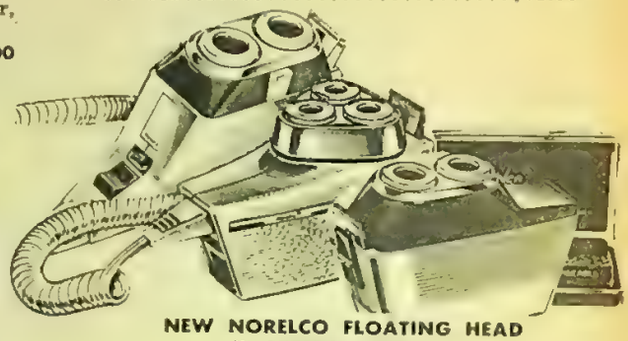
Large size hood (to fit over the bouffant styles and jumbo rollers), and long, durable hose all fit compactly inside the convenient carrying case. Comfort-control switch lets you select cool or warm temperatures. Quiet, efficient motor—210 watts, 115V, AC. Light tan hi-impact plastic case.

851-38516E1300 ..... $10.00

BRUSHWELL CORDLESS AUTOMATIC TOOTHBRUSH

Safe, shock-proof battery-operated home toothbrush. Just push the button and the power toothbrush massages your gums while it cleans teeth professionally . . . the up and down way dentists recommend. With 4 fine nylon snap-in brushes . . . kids love to use it! Handsome holder stands on counter or hangs on wall.

609-ATB2E600 ..... $4.95



NEW NORELCO FLOATING HEAD "SPEEDSHAVERS"

Self-sharpening, smooth shaving Rotary blades and Microgroove heads that are 35% thinner, provide clean, close shaves that glide smoothly over facial curves. Pop-up trimmer for sideburns, mustache. Easy flip-open cleaning. Fingertip on/off switch. 110/120V. AC-DC.

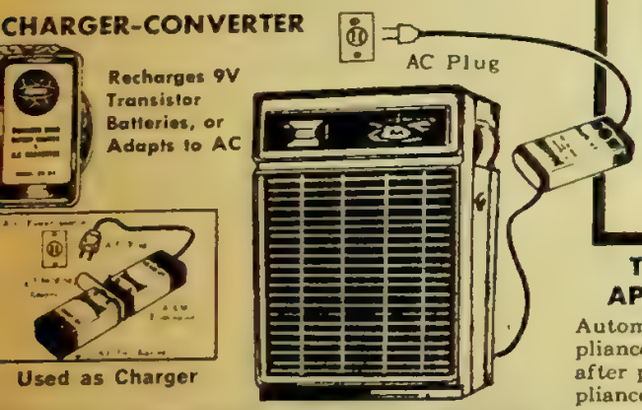
863-30E3860 Double-Header $29.95
863-35E4490 Triple-Header $34.95

RECHARGEABLE "SPEEDSHAVER"

Same as above, but operates on nickel cadium rechargeable batteries or line cord. Gives 2 weeks shaving per charge Built-in transformer. Deluxe metal travel case.

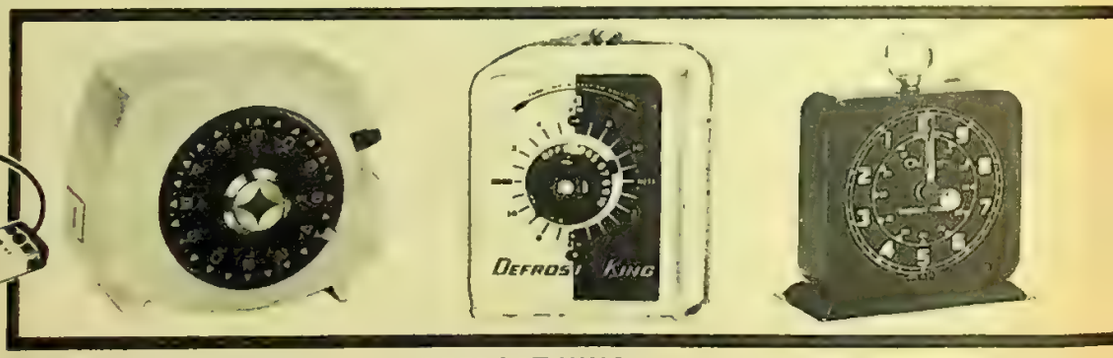
863-40E5650 Rechargeable $47.50

CHARGER-CONVERTER



NEVER BE BOTHERED WITH DEAD BATTERIES AGAIN! Lets you plug in your transistor radio, or recharges transistor radio batteries! Lets you recharge 9V transistor batteries over and over, fresh as new! Just put battery in charger and plug into AC outlet. OR, snap onto your transistor radio and you can plug your radio into any AC household outlet! Safe, simple to use . . . will last for years!

506-9CE320 ..... $3.00



TIME-ALL LAMP & APPLIANCE CONTROL

Automatically turns lights and appliances on and off. Just plug it in after plugging desired lamp or appliance into it, and it turns current on or off, or both. For any period you set from 1 to 24 hours. Capacity 15 amps or 1875 watts. Lets you turn food off, start the coffee, or turn lights on or off when you're away. Manual control. 5x4x2½" plaskon case. UL, CSA approved.

855-211E1730 ..... $12.95

DEFROST KING

Easy to use automatic electric refrigerator defroster. Can be used with all refrigerators. Eliminates hand defrosting . . . saves time and money . . . and keeps foods fresher longer. Operates noiselessly. Requires only one setting and will perform on schedule day after day.

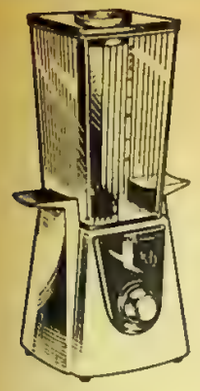
874-715E1100 ..... $7.98

INTERVAL TIMER

Built to exacting standards for precision close timing. Will time periods from 15 seconds up to 2 hours. A loud alarm sounds at end of time period. Designed for a wide range of uses, including timing games, sport events, etc. Sturdy black finish metal case with easy to read dial. Ring head. Large starting lever. Front set key extending through unbreakable crystal. Size 4" high

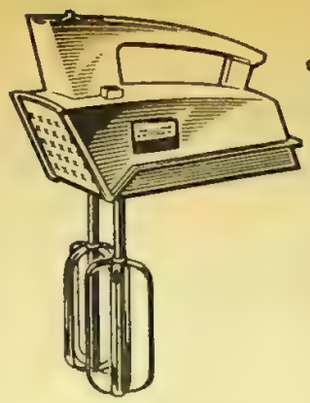
874-5301E1500 ..... $10.50

Therm-o-ware KITCHEN AIDS



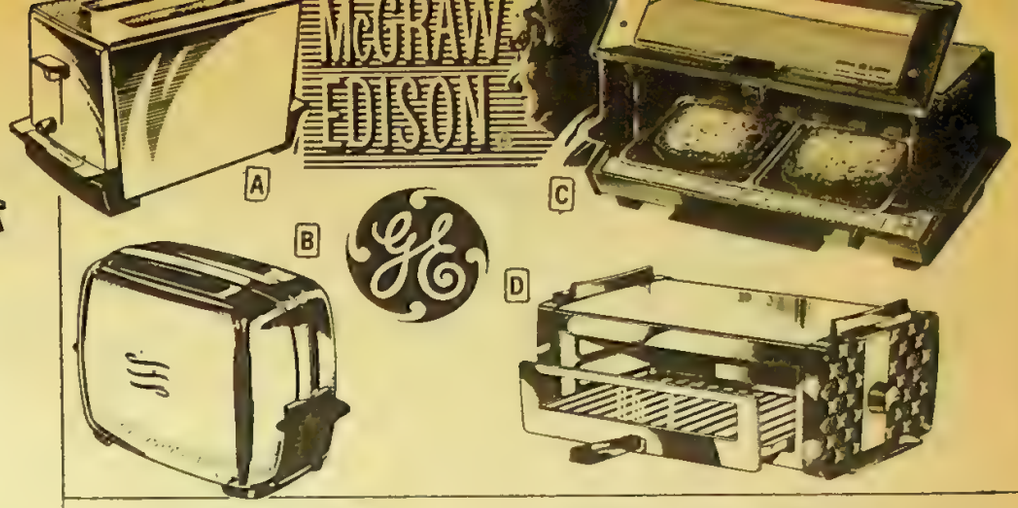
FAMOUS THERM-O-WARE BLENDER

For food and drink magic . . . at a touch of a button. Lets you puree, whip, blend, chop nuts, vegetables, fruits, even meat, to create taste-tempting masterpieces. With 1-qt. clear plastic mixing container, 2-speed motor, stainless steel blending blades, measure top for convenient adding while running. Fully guaranteed.
868-300E2900 . . . . . $24.00



THERM-O-WARE PORTABLE MIXER

The mixer you take to the job. Fingertip 3-speed control for every mixing job from cake batter, waffles, breads, potatoes, frosting, eggs to fluffy whipping cream. Instant beater release. Modern, indestructable non-crack, non-chip white housing. 115V AC/DC
868-1500E1400 . . . . . $13.95



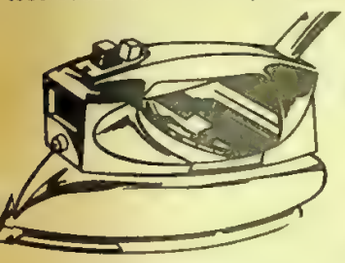
(A) THERM-O-WARE AUTOMATIC TOASTER

Fully automatic pop-up with adjustable control for perfect toast. Snapout crumb doors. Extra-high pop-up for easy removal. 115V. AC—750 watts
868-T2E1600 2-Slice. . . . $14.95
868-T4E2700 4-Slice. . . . 22.95

(B) G-E 2-SLICE TOASTER. Thermostat selector knob for perfect toasting, light to dark. Mica element. 1150 watts.
859-T82E2890 . . . . . $17.95

(C) G-E DELUXE TOAST-R-OVEN. Has 9 settings for toast, as well as settings for "browning" top of foods. Bakes, too—potatoes, meat loaf, frozen foods, etc. Has bake rack and crumb tray. Chrome finished inside & out. Fully automatic. Thermostat for 200-500°. 1200w, 115v AC.
859-T93E5440 . . . . . $33.98

(D) MANNING-BOWMAN TABLE OVEN-BROILER. Automatic thermostat controls heat. Unique flip-over unit—broiler on one side, oven on the upside-down side. Adjustable chromed tray has glass front. 900 watts, 120V, AC.
851-40514E2560 8" x 14" x 11" deep. . . $19.95

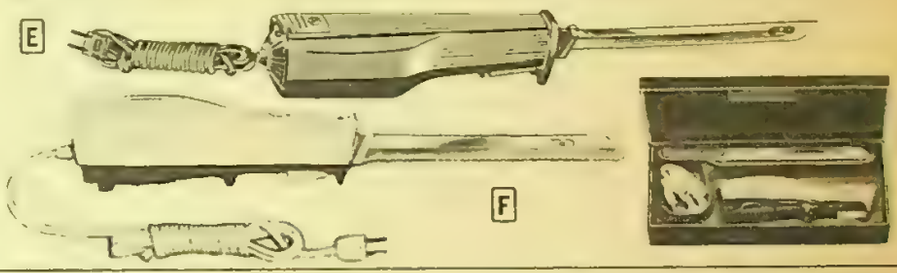


G-E MODEL F-81 SPRAY-STEAM-DRY IRON

"Water Window" shows how much water is left at a glance. Fabric dial for everything from cottons to newest synthetics. Push-button fine mist spray—instant steam or dry. 1100 watts, AC.
859-F81E2980 . . . . . $19.95

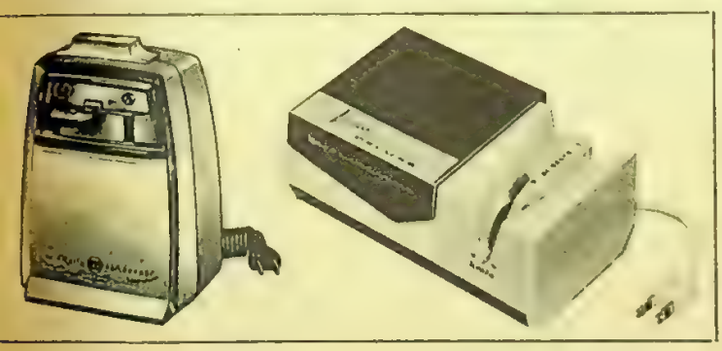
MANNING-BOWMAN SPRAY-STEAM-DRY IRON

Fingertip touch switches from full-volume steam, or wrinkle-chasing spray, to dry and back. Self-cleaning. Easy-read heat control dial with full range for all fabrics. 1000 watts, 115V, AC/DC.
851-33508E2060 . . . . . $15.95



(E) G-E ELECTRIC KNIFE. 100 WATTS
For smooth, effortless, professional carving and slicing. A finger touch and the detachable, razor-sharp vibrating, stainless steel twin blades do the work. 18"
859-K9E3180 . . . . $22.95

(F) THERMOWARE ELECTRIC KNIFE with high quality stainless steel, reciprocating blades with razor-sharp edges. Blades detach for easy cleaning. 18" long overall. 115 V-AC, 100 watts.
868-500E2000 . . . . . $19.95



AUTOMATIC CAN OPENER

Press lever . . . opens any size, shape can. Leaves a safe, smooth edge. Magnetic lid lifter . . . no fishing, no cut or messy fingers. Actually turns lid at such an angle as to let fluids drain back into can. Holds can securely, even when opened, until you remove can. Compact . . . only 8" high, and portable as a toaster. Stands on counter. 115 V-AC.
868-8E1600 . . . . . $16.00

ELECTRIC KNIFE & SCISSOR SHARPENER

Saves time and money, keeps your knives and scissors in keenest condition, saving wear and tear on the blades and on you. Plugs into any household outlet. Gentle pressure of blade against grinding wheel, and blades are honed to a like-new sharpness. Cannot jam grinding wheels . . . safety protected. White hi-impact housing. UL approved.
856-100E1590 . . . . . $14.95

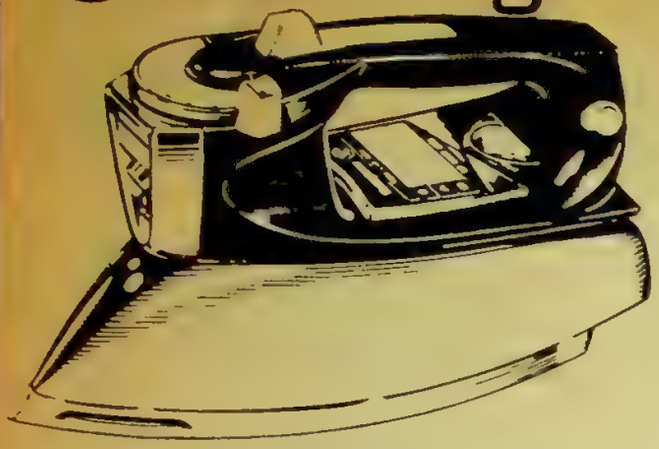
32-CUP AUTOMATIC COFFEE MAKER. Makes as few as 12, or as many as 32 cups of flavor-perfect coffee, automatically . . . and keeps it serving hot! Has flavor selector, red signalite that glows when coffee is done. Starts perking in seconds. Alcoa aluminum . . . light! 115V. AC-16 lbs. Fully guaranteed.
857-2032E1980 . . $15.00

12 CUP AUTOMATIC STAINLESS STEEL
Easy to clean stainless steel. Easy to use automatic percolator . . . makes coffee just the way you like it . . . every time! Sight tube in handle shows coffee level. Flavor selector knob, signal light. Balanced pot for pouring ease. 3 to 12 cups. 115V, AC. 575 watts.
851-43512E3400 $24.00

32-Cup Automatic Party Perk

12-Cup Automatic Coffee Maker

Westinghouse ELECTRIC HOUSEWARES



STEAM IRONS

- HANDY FABRIC GUIDE FOR PROPER SETTINGS
- NEW WATER WINDOW—NEVER RUN OUT OF WATER
- SINGLE DIAL CONTROLS FOR ALL SETTINGS
- USES PLAIN TAP WATER

STEAM 'N SPRINKLE IRONS

Iron away wrinkles like magic. New deluxe steam 'n sprinkle iron with a convenient, time saving sprinkler that sprays on all settings, even dry ironing. Fabric guide dial setting for all popular fabrics. Single dial control for wash 'n wear, steam or dry ironing. Uses plain tap water. Wide steam path with even steam distribution.
872-HS39E2760 ..... **$18.00**
Same as above but with Teflon® double-coated sole plate for quick and easy gliding over all fabrics. 120V AC.
872-HS38TE3380 ..... **$22.00**

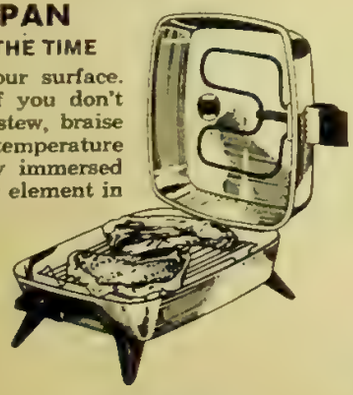
STEAM 'N DRY IRONS

A handsome new steam 'n dry iron which uses plain tap water and has a single easy to use dial that contains all settings. Fabric guide shows proper settings for all popular fabrics. Deep uniform steam penetration over a wide steam path. Accurate "Watchman" thermostat automatically protects your fabrics.
872-HS29E2240 ..... **$16.00**
Same as above but with Teflon® double-coated sole plate for quick and easy glide over all fabrics.
872-HST29E2560 ..... **$19.00**

BROILER FRY PAN

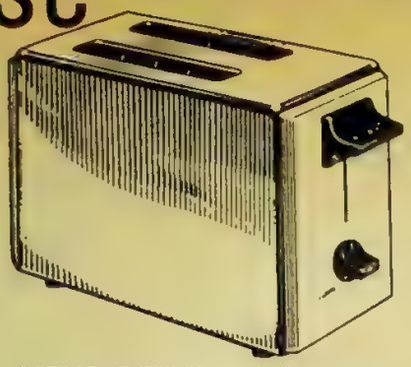
PERFECT COOKING ALL THE TIME

Permanent no-stick, no-scour surface. Foods never stick—even if you don't add fat or oil. Roast, fry, stew, braise or broil with automatic temperature control. Can be completely immersed in water. Removable heater element in broiler lid. 120V AC. Completely guaranteed.
872-HL50E4990 ... **$40.00**



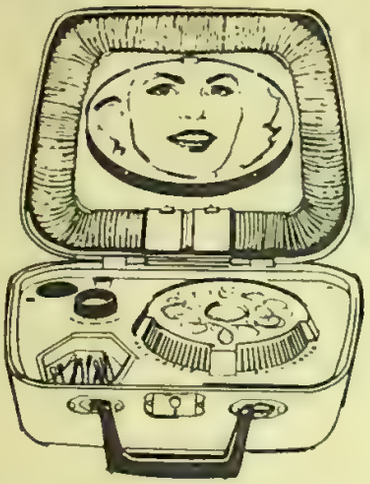
ELECTRIC CAN OPENER

Completely automatic — opens any can in seconds at the touch of a switch. Can is firmly secured and locked. Stops automatically when can is opened. Magnetic catch holds lid. Absolutely safe —no rough or ragged edges. Use on counter top or table, or mount on wall. 120V AC.
872-HC11E1990 ..... **$15.50**



NEW DELUXE TOASTER

No more burnt toast—accurate control gives you perfect, uniform toasting every time. No sticking or burning with the newly designed extra wide toast wells. Crumb clean-out door, for fast, easy cleaning. Finished in gleaming chrome with brilliant white enameled end panels and black trim adds beauty to any kitchen. 1150 watts, 120V AC.
872-HT18E2390 ..... **$17.00**



DELUXE HAIR DRYER

Now! Dry your hair in minutes. Dries hair quickly without excessive heat—air circulates evenly, dries hair uniformly, makes it easy to set. Queen size hood with adjustable band fits any hair style. Built-in nail dryer and buffer. Large storage compartments for holding nail polish and curlers, and a beautifully styled, removable vanity mirror. Completely stain resistant. A complete beauty salon in a smart compact traveling case.
872-HZ10E2990 ..... **$21.00**

NEW COMPACT MIXER

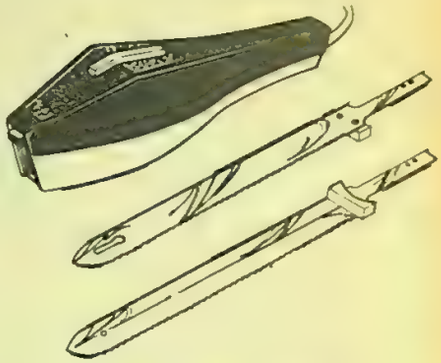
Take the work out of mixing. A speed for every mixing job. No mess—no fuss—A flick of the finger ejects beaters for quick and easy cleaning. Smartly styled with built on heel rest—won't tip or fall. 100 watts, 120 volts AC.
872-HM05E1920 ..... **$14.00**

"PRESSURE FLO" COFFEE MAKER

WITH REHEAT

Starts perking in seconds, serves up to 10 full cups. Signals when coffee is done. Automatic flavor control. Coffee held at serving temperature. Cup counter window tells how many cups of coffee remain. Gleaming chrome on copper inside and out. 120V AC.
872-HP85E4380 ..... **$32.00**

"PRESSURE-FLO" COFFEE MAKER
Makes up to 10 cups of coffee. Automatic flavor control. Signals when coffee is done. Gleaming chrome plating inside and out. 120V AC.
872-HP75E2990 ..... **$21.50**



ELECTRIC KNIFE

Automatic action—assures better slicing or carving of poultry, roasts, hams, fruit, bread, cakes, almost anything, to perfection. Reciprocating stainless steel blades have serrated cutting edges—never need sharpening. Ejector button releases blades for fast clean up. Blades 11-3/16" long. Top mounted safety switch. Complete with case. 110 watts, 120 volts AC.
872-HKN1E2990 ..... **$21.00**

CORDLESS ELECTRIC TOOTHBRUSH

Automatic brushing cleans perfectly and gives healthful treatment to gums. Cordless, operates on rechargeable, long - life, nickel cadmium battery, (NO wires — no shock hazard). Perfect size for children and adults. Properly recommended up and down action, lightweight, excellent for cleaning dentures. Contains four (4) Tek® brushes — each a different color. Complete with attractive toothbrush holder for storage.
872-HB30E2590 ..... **$19.00**

SHOP FOR ALL YOUR TOOL NEEDS AT OUR MONEY-SAVING PRICES.

SWIVEL CASTERS AND GLIDES

NAIL-ON BALL CASTERS

Easy to install . . . just hammer on. Puts invisible wheels on all your furniture. Has rolling metal ball that moves freely in a steel shell. Attractive nickel plated finish. ⅞" diam outside diameter. Sold only in sets of 4.
901-55E130 .....$1.00

2½" Wheel

SWIVEL BALL CASTERS

- Move Sofas, Beds, Chairs without Shoving, Pulling or Pushing
- Capacity—300 lbs. per Set of 4 Casters

The jewel of the caster industry. Lovely bright brass finish. Roll with fingertip ease. Will not mark, scratch or stain. Never needs lubrication.
STEM TYPE ⅜" standard push socket
560-2709E480 Set/2 **$3.79**
PLATE TYPE 1½" square steel plate.
560-2725E480 Set/2 **$3.79**

FURNITURE GLIDES

Nail on with a hammer. Has rounded edges to let furniture move easily and protect all types floors and floor coverings. ⅞" diam.
901-078E80 Set of 4 **$.50**

BALL BEARING SWIVEL

Grip-neck stem caster for lightweight furniture—tea wagons, cribs, bassinets, etc. Clear plastic wheels. Sold only in sets of 4.
901-4340E230 2" **$1.85**
901-4342E360 3" **2.85**

BALL BEARING SWIVEL

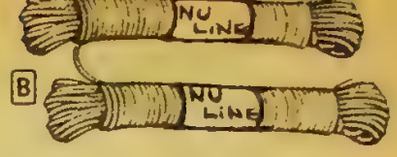
Plate Type. Heavy gauge steel with bright brass finish. Exceptionally strong for their size to take medium large loads. White non-mar, smooth-roll plastic wheels. **Sold in sets of 4.**
901-5345E160 1¼" **$1.45**
901-5348E220 1⅝" **1.75**

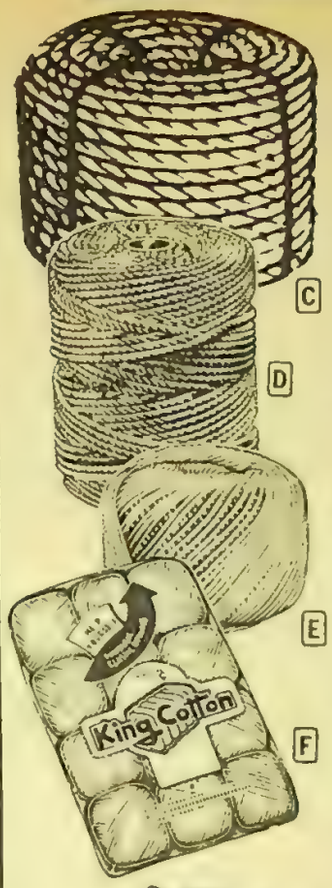
SWIVEL PLATE CASTERS

Move heavy weights with ball bearing swivels and exclusive cushion-tread Rubberex wheels. Can't mar floors. Makes big furniture easy to move. **Sold singly.**
901-121-2½E270
2½" Wheel. Ea. **$2.00**
901-121-2E140
2" Wheel. Ea. **1.00**

BALL BEARING SWIVEL

Grip Neck Stem. For use on lightweight furniture. Durable steel stem, bracket, in bright brass plate finish. White plastic wheel. Requires ⅜" diam. leg bore, 1⅝" deep. **Sets of 4 only.**
901-4345E170 1¼" **$1.45**
901-4348E220 1⅜" **1.75**





QUALITY ROPE AND TWINE

(A) COTTON CLOTHESLINE. Extra strong, long-lasting, superior-quality heavy-duty braided line.
543-7E280 100 feet—No. 7 ..... **$2.25**
543-8E360 100 feet—No. 8 ..... **3.00**

(B) POLYETHYLENE CORD. Diamond braided. Monofilament—impervious to water, acids, alkalis, chemicals. Ideal for clothesline, boats, pools.
534-3278E250 100 feet—No. 5—5/32" diameter. **$2.00**
543-3279E300 100 feet—No. 6—3/16" diam..... **2.50**

(C) HEAVY DUTY SISAL ROPE. All-around utility rope for boating, garage, truck, farm, shop.

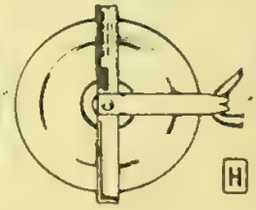
Number		Diam.	Tensile Strength	
601-632E190	100 feet	¼"	700 lbs.	$1.50
601-634E440	100 feet	⅜"	1350 lbs.	3.50
601-635E780	100 feet.	½"	2500 lbs.	6.00

(D) 100% NYLON BRAIDED ROPE. Strong, tough, long-wearing. Unaffected by mold, mildew, oil, grease, gasoline, fresh or salt water. Ideal for flags, tents, halyards, clothesline, sash cord, anchor, etc.

Number	Diam.	Per Spool	Tensile	Price
543-5051E1470	⅛"	600 feet	450 lbs.	$13.75
543-5052E2400	3/16"	475 feet	700 lbs.	21.50
543-5053E1400	¼"	200 feet	1100 lbs.	13.00
543-5054E2200	5/16"	175 feet	2000 lbs.	19.80

(E) ALL-PURPOSE TWINE. Strong, heavy duty all-purpose and parcel post twine. Sack of three 7-oz. balls.
601-638E180 Sack of 3 Balls, each 7 ozs..... **$1.50**

(F) CHALK OR MASON'S LINE. #18 thread. Fine quality cable cord. 8-oz. balls. Each ball 440 feet. Sold singly or in sacks of 12 balls.
543-CL81E160 Single 8-oz. Ball **$1.00**
Sack of 12 Balls. In polyethylene snap sack.
543-CL8E1400 Sack **12.00**

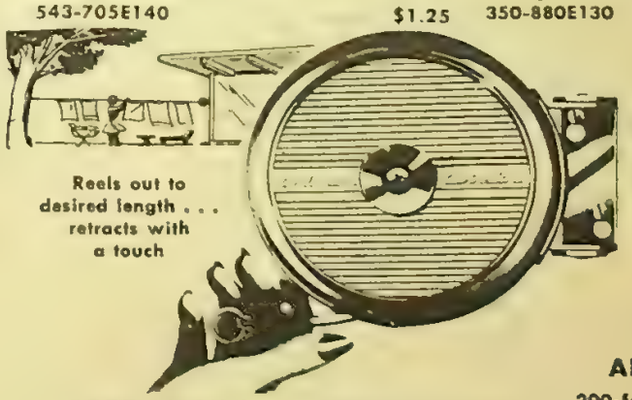


(G) CLOTHESLINE PULLEY. 5" diam. Rust-resistant finished heavy-duty steel. Aluminum axle. Brass bushing.
541-606E180 ..... **$1.50**

(H) PLASTIC PULLEY. 4" diam. Plastic . . . unbreakable, absolutely noiseless, with solid brass bushing.
543-705E140 **$1.25**

(J) HARNESS SNAP. Nickel plated iron.
603-5520E80 360° swivel; ¾" eye. Pr. **$.60**
All-Brass Harness Snaps. 360° swivel.
604-BS125E160 1¼" eye..... Ea. **$1.20**

(K) JIFFY LINE FASTENER. Tightens or releases instantly. For cotton, wire, plastic or rope line. Rust-proof.
350-880E130 ..... **$1.00**



Reels out to desired length . . . retracts with a touch

CORDOMATIC CLOTHESLINE REEL

Automatically retracting washable clothesline in gleaming lifetime aluminum case. With wall bracket for indoor or outdoor mounting, that is easily removed for storage or changing locations. Reels out to desired length, retracts with a touch.
165-CR20E520 20-foot **$3.95**
165-CR40E920 40-foot **6.95**

ALL-PURPOSE WIRE

200-feet of strong, rust-resistant 18 gauge galvanized wire coil. Handy for home or workshop. For use in fencing, decorating, supporting trees, tents, TV aerials; for picture hanging, clothesline, arts, crafts and school use. Big 200-foot supply.
600-879E140 ..... **$1.25**

FANON

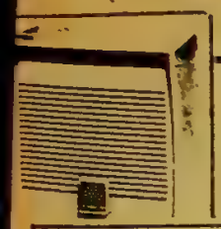
TOP QUALITY INTERCOMS

Serves as an ideal electronic baby sitter

Perfect for Office to Office Communication

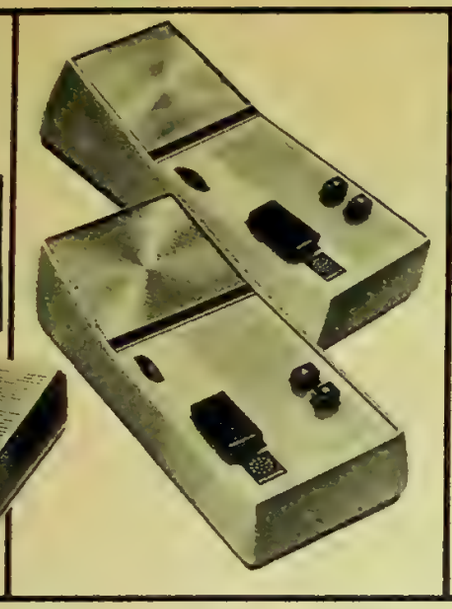
Connects room to room garage or basement

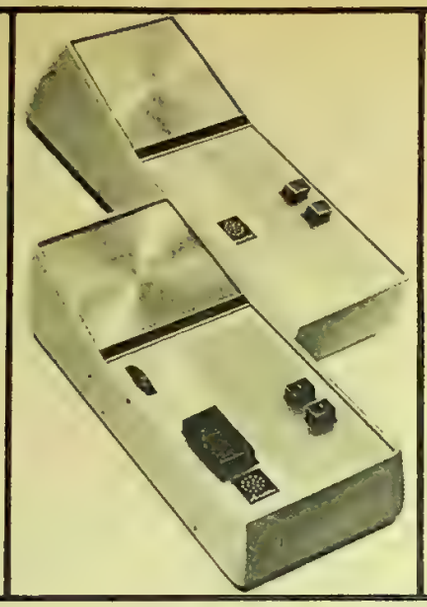
- Efficient
- Dependable
- Economical

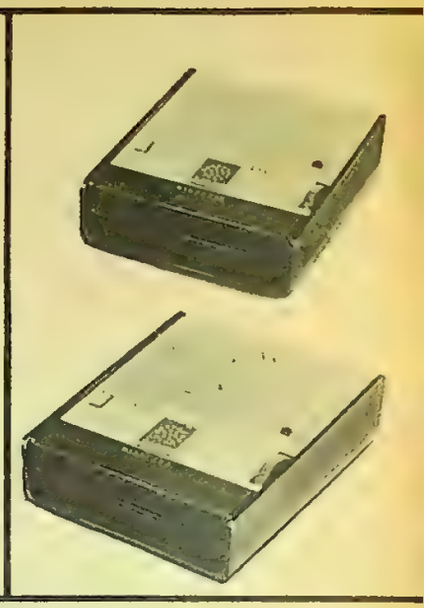


DOOR SYSTEM FOR HOME SAFETY

Includes one master above and one weatherproof outdoor remote.
2-Station intercom for AC.
854-S16E3600 .....$25.95
2-Station battery operated.
854-S16DCE3600 .....$25.95







WIRED DELUXE 2-STATION INTERCOM SYSTEM

Ultra-sensitive transistorized system. Instantaneous—no warm up required. Remote provides "hands free" communication. Pilot light on master signals "on." Beeptone signals master even when off. 117V AC. 2½" speakers. Complete with 50' of cable.
2 Stations, Cable.
854-1600E3600 .....$25.95
Additional Outdoor Remote for above.
854-161E1240 w/50 ft. of wire **9.50**
Additional Indoor Remote for above.
854-162E1240 w/50 ft. of wire **9.50**

EXPANDABLE DELUXE 2-CHANNEL WIRE-LESS INTERCOM SYSTEM

Finest solid state intercoms for instant communication (no warm-up), cooler operation and longer component life. No tubes to wear out or replace. Easy push-button operation. No installation required . . . just plug into AC outlets on some power line. Add extra stations to system at any time. Fully portable . . . lets you move from room to room. Channels A (160kc) and B (225kc) operate independently of each other for complete privacy. Special lock-out filter prevents cross-talk. 4-transistor, 2 diode chassis. On-off-volume control and talk-listen-dictate switch. Compact—9½x4x2½". Wt. 4 lbs.
2-Station system.
854-FIW2E11990 .....$97.50
Additional Single Station for above.
854-FIW1E6150 .....$49.95

EXPANDABLE 2-STATION WIRED INTERCOM SYSTEM

Versatile, practical solid state intercom system for home or business use. Compact, push-button operated units for desk or wall mounting. Includes a master, one indoor remote and 50 ft. 3 conductor wire. A third station can be added . . . either an indoor or outdoor remote (sold separately below). Lets you answer the door or baby-sit right from the Master. Master can call stations selectively . . . remotes may be used either private or non-private. Remotes can converse hands-free. Each unit 9½x4x2½". Lightweight . . . each only 3 lbs. Full 1 watt output.
2-Station System.
854-FIC3E6990 .....$57.50
Additional Indoor Remote
854-FICE2150 .....$17.50
Additional Outdoor Remote
854-FIDE1500 .....$12.50

2-STATION WIRE-LESS INTERCOM SYSTEM

Needs no special wiring . . . just plug into any standard wall outlet. Immediate two way communication when units are plugged into wall outlets on the same power line. Two-station system . . . Master, single remote station. Master can hook up to an additional remote single station unit. Master has pilot light signaling "on," talk-listen switch with talk-lock position, and volume control on on-off switch. 2½" speakers for crisp tone. Beige/chrome units, 4⅜x5⅛x1½". With 50 feet of cable. Shpg. wt. 3½ lbs.
2-Station system.
854-1640E5990 .....$39.95
Single Station, same as above.
854-1641E3190 .....$21.95

SINGLE 5-STATION MASTER

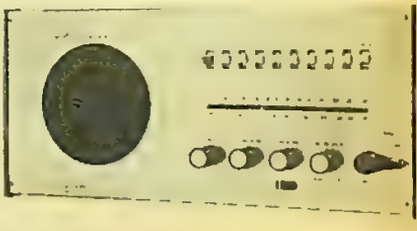
Single 5-station 3-transistor-circuit Master station lets you hook up to speak to 4 remotes, individually. Has built-in AC power supply, pilot light. Remotes including 50 ft. of wire can be added in any combination up to 4.
5-Station Master. 1½ lbs.
854-1605E2990 .....$24.95
Add'l. Outdoor Remote.
854-161E1240 .....$9.50
Add'l. Indoor Remote.
854-162E1240 .....$9.50

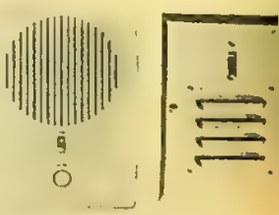
TELEPHONE AMPLIFIER

For no-hands telephoning! Lets busy housewives or executives listen and talk on phone and still have his or her hands free to take notes, check orders, or walk away from desk. Transistorized, quality made amplifier provides true voice reproduction. Battery operated. No installation . . . ready for immediate use. 4½"x9"x5" high.
854-TA4E2790 .....$19.95

DELUXE FM/AM RADIO MUSIC & INTERCOM

For Home-Wide Music, Communication. Lets you enjoy music in every room in the house, and listen in on the kids or sickroom. 9-remote capacity Master with "switchboard" to pre-select for remote-to-remote voice communication. Any station can also monitor any other station. Sensitive FM circuit has drift-free AFC. Beautiful satin copper or satin chrome finish. **Specify.** Master—15"x6½".
854-5509E21550 10-Stn. Master only. **$178.75**
Indoor Remote for above. 6x8½" wall plate with 5" speaker, talk-listen switch, volume control. Specify Copper or Chrome.
854-56E2270 .....$17.50
Outdoor Remote—6¼x4¾" weatherproof unit with talk-listen switch. Lets you answer door, pipe music to patio or porch.
854-BDE1300 Spec. Copper or Chrome. **$10.65**
Model 5509 Master, 3 Indoor, 1 Outdoor Remotes.
854-55EKE25500 Complete Kit. ..$212.50





Roughing-In Material, 200-ft. cable for 55EK Kit.
Includes wire, boxes.
854-551KE3750 $31.25

MOTOROLA

FM STEREO CAR RADIOS FOR LISTENING PLEASURE

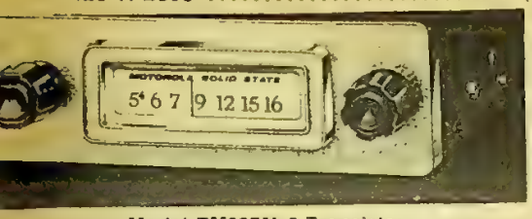
CUSTOM MOUNTING KIT

For in-dash installation of any radio on this page. *Specify* Make, Model, Year of car.
420-TPE590 ..... **$3.95**

For Instant Play—Choose from Wide Range of Models

UNIVERSAL MODELS—TM297M, TM327M and TM526A are made to fit a wide variety of cars on the road today. All 3 models listed will fit in or under dash—just add trim plate.

CUSTOM IN-DASH INSTALLATION. Fits many "difficult-to-install" cars. Model TM7A, horizontally adjustable shaft to match most cars on the road as well as shafts that permit vertical adjustment. Add custom trim plates to complete the quality "installed" look.



Model TM297M 6-Transistor Dual-Mount 12V Car Radio

MODEL TM297M. For under or in-dash mounting. 6 transistor, 2 diode solid state circuit. 7 tuned IF circuits, RF stage. AGC (automatic gain control). 4" speaker, 3.2 ohms impedance. 6⅞Wx2½Hx7¼"D. 12V, neg. ground.
420-TM297ME5790 Manual tuning **$39.95**

Model TM327M 5-Transistor Dual-Mount 12V Car Radio

MODEL TM327M. For under or in-dash mount in most sports, import cars. 6 transistors, 2 diodes, 1 thermistor. 8 tuned circuits, RF stage, AGC. Tone control. 5" speaker; 8.0 ohms. 6⅞Wx2½Hx7¼"D. 12V pos. or neg. ground.
420-TM327ME6900 Manual tuning **$49.95**

Model TM7A 6-Transistor 12V Car Radio

MODEL TM7A. For hard-to-fit cars. 6 transistor, 2 diodes, 1 thermistor. 7 tuned circuits, RF stage, AGC. Tone control. 5x7" speaker, 8 ohms. 7⅝Wx2⅝Hx5¼"D. 12V neg. ground.
420-TM7AE8000 Push-button **$59.95**

FM/AM Model FM 106

For Under Dash Installation Only

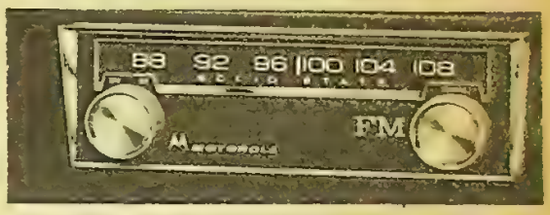
For superb listening pleasure: • 13 Transistors • Diodes • Manual Tuning • 21 Tuned Circuits • FM Limiter • RF Stage • Automatic Frequency Control • Variable Tone Control • 5"x7" Golden Voice Speaker • Speaker Impedance, 8.0 ohms • Dimensions: 6⅞" wide, 2½" high, 7¼" deep • Thumbscrew AM Antenna Adjustment • 12 Volt Negative Ground System.
420-FM106E14800 ..... **$94.95**

FM/Stereo Model FM 990

For Under Dash Installation Only

Model FM990. Double Tuned RF Stage, AFC, Balance and Tone Controls, FM/Stereo Indicator Light, Voltage Regulation Circuit, Two 5¼" speakers. For 12 volt, negative ground electrical system.

420-FM990E19000 ..... **$129.95**



FM Tuner Model FM 67

For Under Dash Installation Only

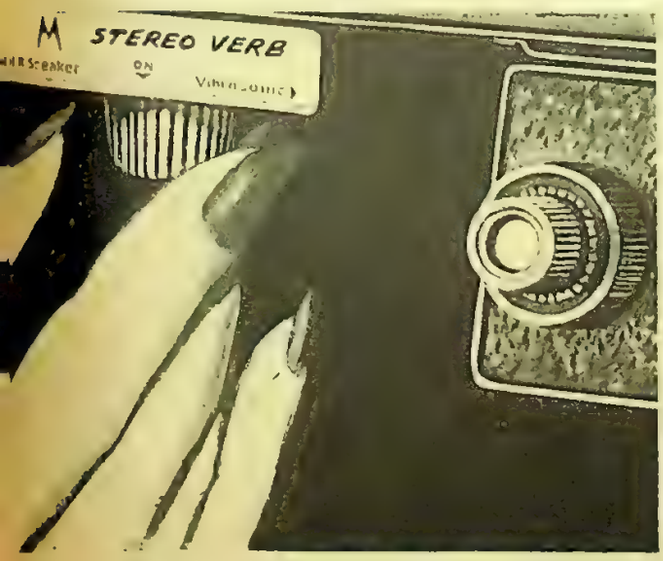
Engineered to be combined with 12 volt, negative ground AM car radio. Has 15 Tuned Circuits, RF Stage, Automatic Frequency Control, FM Limiter and Automatic Gain Control. Installs under dash only.

Easy to Install . easy to remove. Take it with you when trading in your old car!

420-FM67E10600 ..... **$74.95**

Stereo Verb VIBRASONIC

SOUND SYSTEM — PIZAZZ!



FOR ANY CAR RADIO! Brings greater depth and realism to your car radio's delivery with its remarkable reverberation. Has longer component life due to reduced generation of heat. The exclusive silent float mounting system eliminates troublesome bongo and road noises. Has balance control, on-off switch. 6 x 9" Golden Voice speaker. Furnished with all necessary mounting hardware and lead wires.

VIBRASONIC system includes easily installed control unit, cable to lead from dash to amplifier and transducer unit (both included), plus a 6x9" 8 ohm rear speaker with grille. Amplifier mounts in trunk. For all present 12V negative ground car radios.
429-553E4980 Vibrasonic Kit **$39.95**

8 TRACK STEREO TAPE PLAYER with Twin 5¼" Speakers

Audiovox

FULLY AUTOMATIC

For your Car, Truck, Boat, Bus, or at Home

- Uninterrupted true stereo music
- Solid State, 15-transistor circuit
- Automatic continuous play without rewind
- Newly engineered self-lubrication principle affords trouble-free operation and long tape life
- Exclusive designed brackets permit easy under-car dash installation, tilt or level position
- Push button track selector—for automatic track change
- Front plate dust cover keeps out all dirt and dust
- 15 watts available power for distortion-free sound
- Tone and balance control
- Quality design for true stereo reproduction with wide frequency range of 50 to 7,500 cps.
- Built-in noise suppressor for alternator equipped cars

Complete with 2 speakers, grills, wiring screws and installation instructions.
430-950E13580 ..... **$109.95**

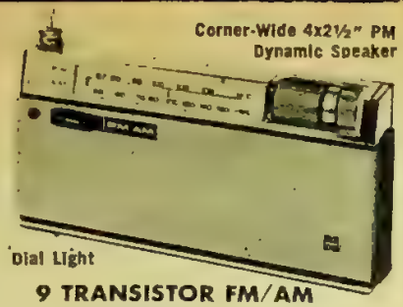
PANASONIC

The Sound Heard Round The World

3-BAND 10-TRANSISTOR PORTABLE

Never before a radio that installs so quickly and easily in your car. Attaches to car antenna for delightful listening as you drive. Then you simply slide out and take with you to beach or picnic. FM, AM and SW. 10 transistors, 6 diodes. Self-contained 4 "C" battery power . . . doesn't drain car battery. 5" PM dynamic speaker.

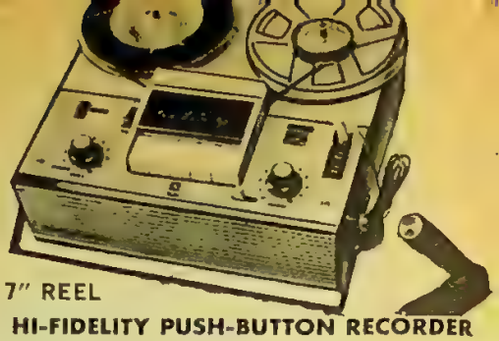
852-1006E 9600 3-Band Portable **$70.00**
852-AS2103E2400 Car-mount bracket **16.95**



9 TRANSISTOR FM/AM PORTABLE

Operates on batteries or AC house current! The compact portable that sounds like a full-size set. 9 transistors, 5 diodes, 1 multiple rectifier. 8" x3⅞"x1¾".

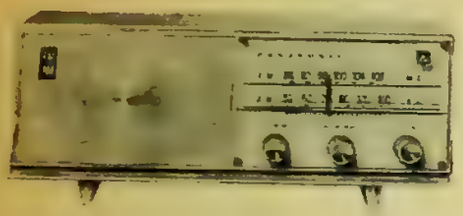
852-RF800E6650 .... **$49.95**



HI-FIDELITY PUSH-BUTTON RECORDER

Capstan drive 2-speed recorder—3¾, 7½ ips. Will record up to 6 hours. Dual track. AC bias, AC erase. 6 x 4" PM dynamic speaker. Digital index counter; VU meter. With dynamic mike, radio patch cord, recording level automatically adjusted.

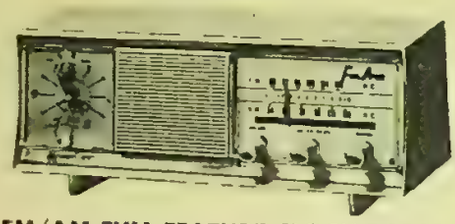
852-705E 15990 13¼x6¼x13" **$129.95**



SLIM STYLE FM/AM TABLE RADIO

A beautiful radio, engineered for supersensitivity and selectivity. Gives big, clear sound. Built-in FM-AM rod antenna. Extra-Powerful 4" speaker. Precision Vernier tuning, slide rule dial.

852-6137E4600 ..... **$39.95**



FM/AM FULL FEATURE CLOCK RADIO

Wakes you, lulls you to sleep to your favorite AM or beautiful FM station. With 10-minute extra sleep feature. Clock has luminous hands, 6 tubes, 3 diodes, 1 solid state rectifier. 5" PM speaker.

852-6017E7200 Antique White..... **$59.95**

SOLID STATE 4-TRACK STEREO TAPE RECORDER

COMPLETE!
2 mikes, 2 radio, 1 sound-on-sound patch cord, full, empty 7" reels

Provides brilliant stereophonic recording and playback at lowest price ever for so outstanding a recorder. Vertical or horizontal operation. 4-track stereo—record and playback. 2 speeds. Capstan drive. Two dynamic microphones. Separate volume and tone controls for each channel. Two built-in speakers. Sound-on-sound. Trans-a-track, convenient for language and music study.

Speeds: 7½ ips and 3¾ ips • Capacity: 7 inch reels • Inputs: 2 each for microphone and for auxiliary • Outputs: 2 each for external speaker and line out • AC Bias • AC Erase. Recording level indicator: 2 VU meters • Wow and Flutter: Less than 0.25% (RMS) at 7½ ips • Record/playback time: Monaural: up to 12 hours; Stereo: up to 6 hours at 3¾ ips with extra long playing tape on 7" reel • Transistors: 14 • Diodes: 2 • Thermistors: 4 • Rectifiers: 4 • Speaker: two 4" x 6" PM dynamic • Rated Power Output: 2 watt per channel • Weight: 27½ lbs. • Dimensions: 13¾" x 16½" x 8" • Power requirements: 110-120 volts AC, 60 cycles, 30 watts • Frequency Response: 60-15,000 CPS @ 7½ IPS; 60-10,000 CPS @ 3¾ IPS. **Accessories supplied with recorder:** 2 microphones, 7" reel of tape, empty 7" reels, splicing tape, 2 radio patch cords, 2 speaker plugs, 2 dummy load plugs, one Sound-on-Sound patch cord.

852-755E 28000 13¾x16½x8" .. **$199.95**
852-8038E 8750 Two 7" Ext. speakers **59.95**

PANASONIC

MITEY-MITE ALL-CHANNEL TV NOW WITH UHF

Panasonic Mitey Mite TV is only 10 lbs. 14 ozs. light, yet has a mighty performance, big, bright 9" picture. Goes everywhere . . . even a 10-year-old can carry it. Integrated UHF- VHF tuner receives all channels 2 to 83. 26 special alloy diffused RF transistors, 13 diodes and 1 thermistor plus 3 H.V. rectifiers for extreme sensitivity. Built-in VHF Monopole antenna and UHF loop antenna for selectivity. Provision for connecting external antenna. 4" oval dynamic speaker. Earphone jack for private listening. 115V AC or 12V DC. Uses house current, 12 volt auto battery or rechargeable battery pack (sold separately below). 9" aluminized picture tube gives 39.2 sq. in. viewing area. Compact—8x11x9". Ship. wt. 12 lbs.

852-901E19990 ..... **$169.95**

Battery Pack w/Charger Rechargeable. Leather case. Permits use at beach or at picnics.

852-165E5200 ..... **$39.95**

Norelco Cordless Compact Cassette Carry-Corder '150'

Number of tracks	Two
Tape speed	1⅞ ips constant speed, capstan drive
Fast forward & rewind	70 sec. (C60 cassette)
Number of batteries	5 type C flashlight
Frequency response	80-10,000 cps. ±3 db
Signal to noise ratio	Better than—45 db
Wow & flutter	0.1% rms

Carry-Corder '150' — Cassette loading, Cordless. 90 minutes high quality recording/playback per C90 cassette. (60 min. per C60 cassette). Capstan drive and constant speed, transistor regulated motor. Frequency response 80-10,000 cps ± db. Comes with prerecorded tape cassette, dynamic microphone, fitted carrying case, patch cord. Uses 5 type C flashlight batteries with an approximate life of 20 hours at 2 hours a day. Size 7⅞"x 4½"x2¼". Weight with batteries 3 lbs. Has output jack for external speaker and viewing window in lid. Deluxe polystyrene cabinet in matte black, trimmed with anodized brushed aluminum.

863-150E15000 ..... **$89.50**

AIWA
Attache Case
POWERHOUSE
Tape Recorder

7" REEL 3 SPEED

- Visual recording level meter
- Monaural, Dual track, Capstan Drive
- Plays 3 speeds—7½—3¾—1⅞ I.P.S. Over 12 hours recording time
- Plays all "Reel Sizes", 7", 5", 3"
- Full push-button controls —with fast forward
- Tone control—Digital tape counter
- Automatic volume control (Adjusts recording level automatically—with on-off switch)
- Storage compartments—Stores all accessories
- Deluxe dynamic microphone—with on-off switch
- Jacks for remote control mike, auxiliary input and external output

This new AIWA attache case tape recorder has all the versality you need in a tape recorder. Goes any where, ready to serve you any time. It operates on batteries, household AC current or car battery. All adaptors included. Solid state circuitry for longer life, instant play and cooler operation. Comes in aluminum die cast frame. Only 3⅝" thick with handle that stores accessories. Lock with key. Weighs only 16 lbs.
862-TP719E19800 ..... $139.95

PORTABLE TAPE RECORDER

FAMOUS AIWA TRUE FIDELITY, PROFESSIONAL MINIATURE, ALL TRANSISTOR—Fits in the Palm of Your Hand—Hides in Your Jacket Pocket

CHECK THESE OUTSTANDING FEATURES AND SPECIFICATIONS—Miniaturization for On-The-Spot Recording Anywhere, Anytime!

- ULTRA MINIATURE—5½ x 3⅜ x 2"
- LIGHTWEIGHT—Weighs only 1.43 lbs. with batteries
- BATTERY OPERATED—4 penlite batteries (included)
- CONTROLS—All push-button, all on top
- MICROPHONE—Extra sensitive crystal, remote control
- "TIE-CLIP" MICROPHONE—Super sensitive
- TAPE—standard 2½" reel
- SPEAKER—2" Dynamic speaker
- EARPHONE—Magnetic type
- RECORDING TIME—40 minutes—dual track
- ERASURE—Automatic
- INSTANT RECORDING—INSTANT PLAYBACK
- CONSTRUCTION—Break-resistant plastic and metal

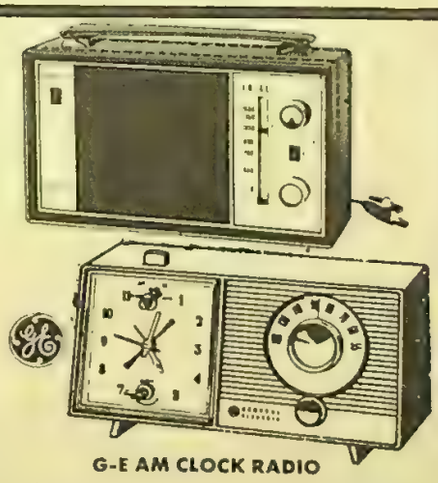
Aiwa is one of Japan's foremost electronics firms, makers of miniature TV sets, etc. and this tape recorder is just about the finest product they have ever made. All functional controls are located on top so that you can record, stop, reverse, playback, set speed and adjust volume without removing recorder from case. The Aiwa favorably compares with portable tape recorders selling for over $100.
862-TP61E4580 ..... $49.95

PANASONIC AC OR BATTERY RADIO

AC power supply built in... no extras to buy. 7 transistors, 1 diode, 1 multiple rectifier. Distinctive leather-like cabinet. Vernier tuning. 2-step tone control. 3½" PM dynamic speaker for superb tone. 8½x5½x3" cabinet.
852-R159E3950 .... $29.95

WORLD'S SMALLEST TABLE RADIO

Outstanding example of miniaturization. Tiny 7x3x3" size, but big in sound with 6 transistors, 1 diode. Secret compartment beneath hinged lid for jewelry, etc. Uses 3 penlite batt. Wt. 13 ozs.
852-R8E2450 ..... $16.95

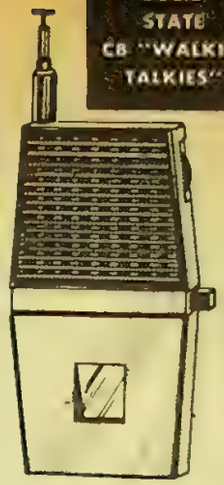


G-E AM CLOCK RADIO

Automatically wakes you to music and/or buzzer, lulls you to sleep. With Slumber Switch, dependable self-starting, self regulating clock. Luminous clock hands. Easy lever controls. Antique white polystyrene cabinet.
859-C545E4390 ..... $24.95

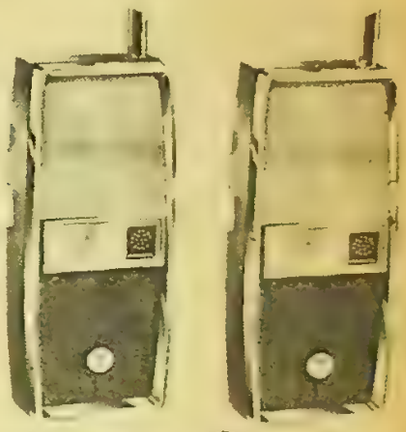
"THE EXPLORER"

SOLID STATE CB "WALKIE-TALKIES"



A long range, powerful solid state transceiver built for instant 2 way communication. These citizen band "Walkie-Talkies" provide hours of fun for everyone, everywhere. Simple to operate and no license required. Engineered for excellence in performance. Light and compact. Heavy-duty telescoping antenna. Complete ready to use with wrist strap and 9 volt battery. A favorite with homeowners, hunters, golfers, boating enthusiasts, children, everybody.
854-33E2990 $24.95

CITIZEN'S BAND TRANSCEIVERS

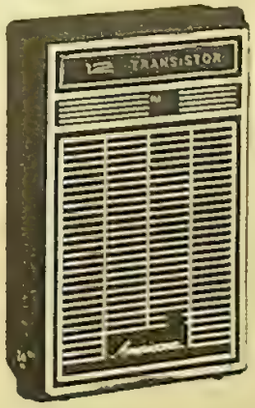


No license required. Precision 2-way, crystal controlled radio communication. Powerful 9 transistor, super-hetrodyne circuit. 100 milliwatts output—up to 4 mile range. Equipped with 55" telescoping antenna with loading coil, earphone jack, carrying case and batteries. 7x2¾x1½" case.
854-900E8000 .. Pair $69.95

PHONOGRAPH-RADIO COMBINATION

6 TRANSISTOR PORTABLE
Solid State
•
Instant Sound
•
Plays on Batteries or 110 V-AC

Here is a real value in a compact, lightweight radio phonograph combination. Listen and enjoy AM programs of your choice or your favorite records (33-1/3, 45 or 78 r.p.m.). Instant Sound the moment you turn it on. Use at home or at the beach or on a picnic. Operates on household current or 4 "D" cell batteries. Molded plastic cabinet. Folds flat for complete portability. Size: 12¼x8x3½". Weight: 4 lbs.
870-6020E5380 ..... $39.95

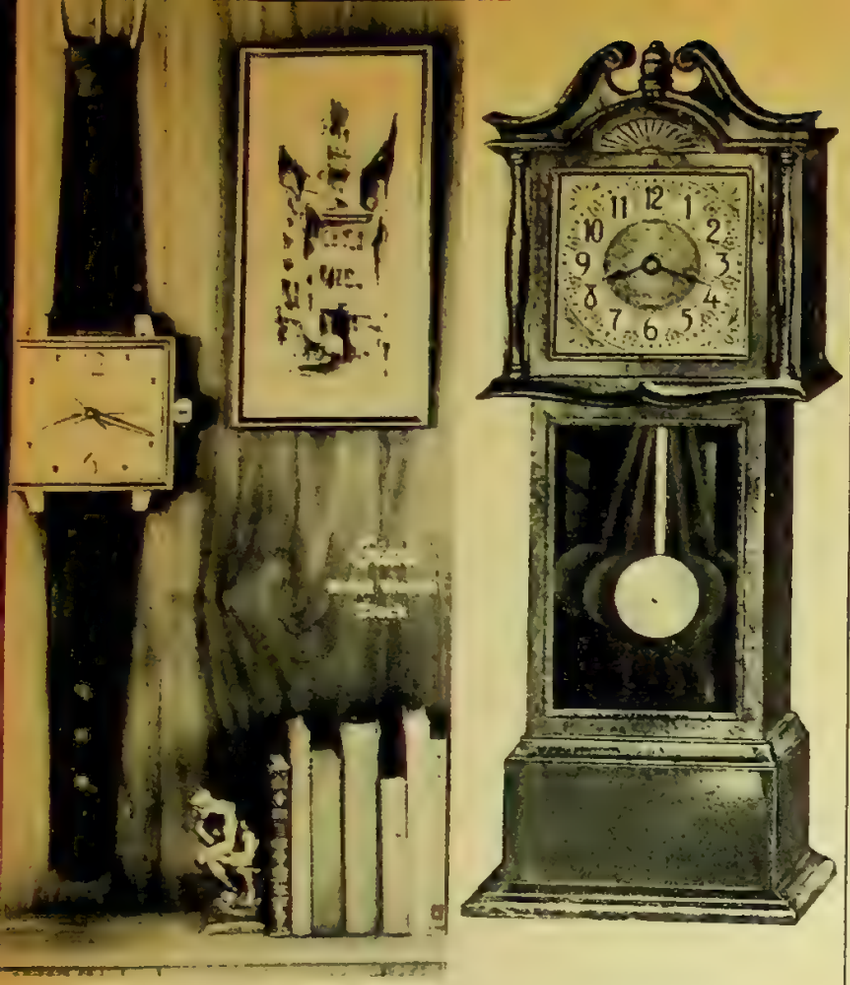


12 TRANSISTOR POCKET RADIO

Get superb long distance reception with this tiny handful of power. Amazingly clear voice and music reproduction. Built-in ferrite core antenna. 2" PM dynamic speaker. Complete with carrying case, earphone, and battery. Size 4½"x 2¾"x1¼".
870-KP12E1250 ..... $12.95

12-TRANSISTOR FM/AM RADIO

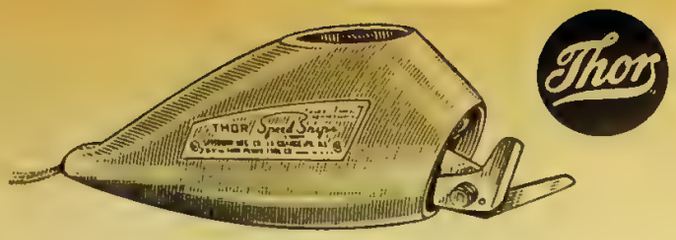
High style, high quality. 12 transistors. 2 bands with separate circuits for FM, AM. telescoping antenna. External earphone jack. Automatic frequency control, wrist strap. 5 diodes. Push-pull audio output. 6 x 3 x 2" black/chrome. Earphone and batteries.
870-1290E3200 ..... $39.95



DISTINCTIVE AND DECORATIVE SPARTUS CLOCKS

LORD SPARTUS. A magnificent giant replica of an expensive wrist watch. Handsome silver dial features bright gold hour markers . . . so easy-to-read. Rich, black grained watch band with gold finished buckle. A perfect conversation piece for den, family room, or offices. Size: 40" x 6¾". UL and CSA approved. 110-120 volt 60 cycle AC only.
874-4310E2130 Electric. **$15.95**

JR. GRANDFATHER PENDULUM. A handsome, authentic and detailed replica of a Grandfather clock complete with swinging pendulum! Rich woodtone finish. Will add a gracious note of elegance to any setting designed to complement traditional, contemporary or Early American decor. Ideal desk, shelf, table or mantel clock. Size: 18½"x7"x3½" 110-120 volt 60 cycle AC only.
874-216E1850 .....**$13.95**



SPEED SNIPS ELECTRIC SCISSORS

Faster, Safer, Easier way to *cut cloth, drapery material, suiting,* etc. Eliminates tiresome hand cutting. Accurate . . . perfect for hi-fi installers, service shops, drapery makers, tailors, housewives . . . yet safe enough even for children. Approved by UL and CSA. Lightweight and easy to handle, can be used for hours without fatigue. Push-button switch for instant start and stop. Stay-sharp precison ground steel blades. 5⅝x 1⅝x2".
102-1010E900 For Right or Left Hand Use **$7.95**

APARTMENT ALARM

GIVES WARNING BEFORE BREAK-IN

Warns of Tampering
Then resets automatically
Signals loudly for HELP if door is opened

- No maintenance
- Fully Warranted
- Powered by 12 volt battery
- Easily installed in 30 minutes, complete instructions enclosed.

Now, after 19 years of police and crime investigation, our engineers with the use of the latest electronic principles, have developed an alarm system designed to prevent illegal entry and actually sound an alarm BEFORE the break-in actually takes place.
Should break-in occur, self-containing unit signals loudly and clearly for help!!!
564-101E7260 .....**$54.50**

Battery-Powered VALET VAC

- Keeps Clothes Neat and Clean
- Quick and Easy Brush-Up
- A practical addition to any household

New Exclusive Model 4¾" High Powered by 2 'C' Size Batteries. Strong Suction Power for Clothes, Car Upholstry, Decrumbs Table. Has bag that removes easily for emptying.
610-430E300 .....**$2.50**

Easily Moves the Heaviest Furniture

"Little Trike" DOLLY

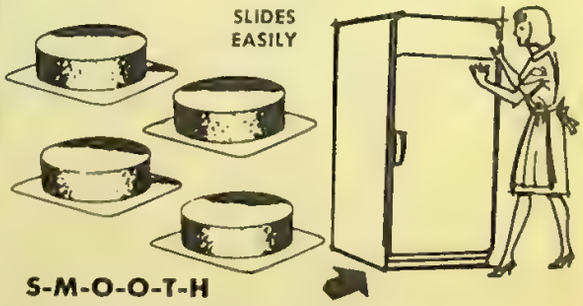
Slips under heaviest objects . . . washers, refrigerators, etc., moves them easily. Each 6" wide with 3-1¼" ball bearing wheels. One "Little Trike".
901-355E240 .....**$1.79**

901-4355E900
Set of 4 Trikes.....**$5.98**

EASY MOVE ROLLERS

Fits Under All Appliances Holds up to 3000 lbs.

Put Wheels on Household Appliances. Refrigerators, freezers, ranges all swing out with no effort so you can clean or paint behind them. Roll-A-Unit installs permanently under the heaviest appliance in minutes, adjust to fit the exact size. Will fit under old or new appliances. Each steel framed dolly has 20 white nylon wheels (40 to the set) easily holds and rolls up to 3000 pounds. Will not mark floors. Appliances are raised up just 1½".
940-112E660 .....**$9.95**



S-M-O-O-T-H DUPONT TEFLON GLIDERS

For heavy hard-to-move houshold objects. Everything moves more easily on these friction-free gliders of DuPont Teflon and your floors and floor coverings are protected from scratches and other damage. One size fits all furniture, refrigerators, stoves, beds, TV sets, freezers, storage cabinets. No installation necessary—they're on in minutes. Set of 4 gliders.
610-42022E160 Set of 4.....**$1.25**

JET PERSONAL TRAVEL BAG

Light-weight, 1 Suiter Carry-on. The new Quick Business Trip Travel Case. When important events occur —and you have to be there fast— the Personal Bag is your best bet. Light enough to be carried aboard jet liners. Spacious enough for a complete change plus all your important papers. Rugged enough to remain handsome trip after trip after trip. Available in Briar Brown

873-6921E2570 ..... **$24.95**

ATTACHE CASE

• For the Fast Moving Smart Young Moderns

Built with features usually found only on much more expensive cases. Unilite Molded Executive Case is the most outstanding value ever. Molded one piece construction, heavily ribbed "Reynolds" Aluminum closure combines strength and beauty. Attractive grained interior cleans easily with damp sponge. Interior has heavy gauge vinyl folio that is adjustable with convenient side straps. Nickel plated accessories

873-12003E1600 17"x12"x3" **$13.95**
873-12004E1800 17"x12"x4" **15.95**

COMBINATION OVERNIGHTER/BRIEFCASE

This sturdy vinyl case is designed with 2 individual compartments, fitted with a strap for tie-downs and a pouch for small articles. Both briefcase and clothing compartments are accessible separately. When used as a full pack bag (18" x 13" x 8") top right zipper closes and locks on same length flap - zipper. To make it a short pack "Boston" bag, top right zipper closes over top left zipper. For a slim-downed briefcase, bottom zipper is closed.

610-73298E1190 ...**$9.95**

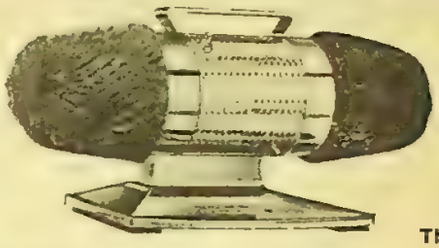
McGRAW-EDISON Electric Shoe Polisher

Puts a Shine on Your Shoes in Seconds

Tap the foot switch, place your shoe against the polishing bonnet and in seconds you have a mirror-like shine. Comes with two polishing bonnets, one for black shoes, one for brown and a bristle brush for cleaning mesh and suede shoes. Rubber suction feet hold unit securely to any hard surface floor. Quiet running, 1500 RPM AC motor. Handy for polishing silver, leather goods, jewelry, etc. Weighs 10 lbs.

851-56512E2990 ..... **$24.95**

DREMEL ELECTRIC SHOE POLISHERS



with 31½" stand-up handle

The modern way to shine shoes

Remember when shoe shining was hard work ' Now the days of hand brushing are gone forever. These fast shining Dremel Shoe Polishers put an end to the muss and fuss of old fashioned shoe shining quickly and easily. No bending or stooping, no soiled hands. Just tap the foot switch and two polishing bonnets (one for black shoes, one for brown) whirl into action. Sleek chrome finish. Powerful, whisper-quiet 110 volt AC motor. Size 15"x5"x6½".

105-771E4280 Without handle. **$29.95**
105-790E5600 With 31½" handle..... **39.95**

NAXON World's Most Advanced Health Lamps

Exclusive Safety Ultraviolet Tube — Gives a healthy-looking, long-lasting tan. Harmful skin-burning rays are filtered out, for safe professional treatments at home.

Filtered-Spectrum Infrared Tube–Not merely the usual electric heater but an exclusive tubular Therapeutic Lamp which gives a deep-soothing heat. Concentrates far more deep penetrating heat because 95% of the shorter rays are filtered out.

Selectaray Switch—Properly timed suntanning or deep infra-red treatments at flick of switch.

Automatic Dial-A-Ray Timer—Assures proper exposure during sun or heat treatment. Built-in safety.

- **FULL POWER ULTRAVIOLET TUBE IN PATENTED SAFETY JACKET.**
- **2-SEPARATE FILTERED-SPECTRUM TUBES, FOR SUN OR HEAT.**

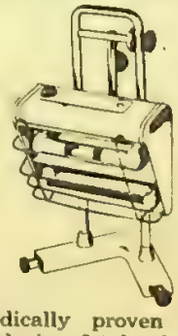
Has all the features of Model DEL-FT but in a rich table stand. Complete with built-in timer, goggles, 2 separate tubes, switch for sun or heat. 12x12½x9". 9 lbs. AC 485W.

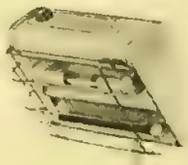
946-DTE4900 ..... **$34.95**

PLUG-IN READY TO USE PHONE

Why pay rent for an extra phone? Enjoy the step-saving convenience of an extra dial phone — rewired, refinished and tested—without paying for installation or endless rental charges. Don't rush up and down stairs; don't miss calls that stop ringing before you get to them! Phone style may vary lsightly from the one illustrated. Comes with 5½ feet of cord and a standard 4 prong plug to fit standard jacks. Just plug in and use!

877-1000E1560 Phone, Plug & Cord... .....**$12.95**





Combination Floor and Table Model

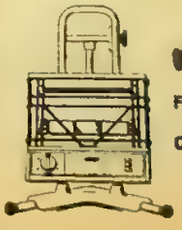
Medically proven superior. Exclusive 2-tube feature for sun or heat treatments. Converts easily to table or floor model. Rich chrome blended with hospital-grey. Fully Approved and Guaranteed. Complete with goggles, ready to use. 110-130V AC 600W.

946-DELFTE9100 .... **$64.95**

SELECT SAFE ULTRAVIOLET SUN TANNING OR SOOTHING INFRARED RAYS

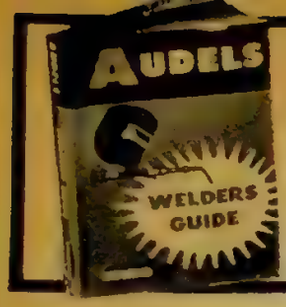
Attractively styled in warm beige blended with rich chrome. Exclusive Pusbutton Control Panel... Powerful UV tube has patented Safety Jacket. Replaceable long-life Ultraviolet and Therapeutic Tubes snap in easily. Built-in safety timer prevents overexposure. 2 pr. goggles. U.L. Approved; Fully Guaranteed. 110-130V. AC. 750W.

946-566E13930 **$99.50**



Folded For Table Use or For Compact Storing

ANGLE ANY HEIGHT



AUDELS BOOKS for MECHANICS and TECHNICIANS

AUDELS OIL BURNER GUIDE
A new practical, concise treatise explaining in detail both domestic and industrial oil burners, including electrical hookups and wiring diagrams. 416 pages, 320 illustrations and diagrams. Pocket size.
Fully covering the Theory, Construction, Installation, Operation, Testing, Servicing and Repair of all oil burner equipment. Fully indexed for ready reference.
AUD28E620 ..... $3.95

AUDELS REFRIGERATION & AIR CONDITIONING GUIDE
4 Books in One; covering basic principles, servicing, operation, repair of:—1. Household Refrigeration. 2. Special Refrigeration Units. 3. Commercial and Industrial Refrigeration. 4. Air Conditioning Systems. A gold mine of essential important facts for Engineers, Servicemen and Users.
A Good Book is a Good Friend! Here you have at your fingers' ends a Complete Library in ONE VOLUME, the necessary data you have been looking for on: MODERN UNITS, SYSTEMS & MACHINES, REFRIGERANTS including Freon, Quick Freezing, Lockers, Water Coolers and Air Conditioning Systems. 1360 pages, 46 chapters all fully illustrated and indexed for ready reference with answers to your questions.
AUD14E1120 ..... $6.95

AUDELS AUTO MECHANICS GUIDE
PRACTICAL READY REFERENCE FOR AUTO MECHANICS, SERVICEMEN, TRAINEES & OWNERS. Explains theory, construction and servicing of modern motor cars, trucks, buses, and auto type Diesel engines. 1132 pages, fully illustrated. 73 chapters. Indexed.
FEATURES: All parts of an automobile—physics—gas engines—pistons—rings—connecting rods—crank shafts—valves—valve gear—cams—timing—cooling systems—fuel feed systems—mixture—carburetors—automatic choke—superchargers—transmissions—clutches—universals, propeller shafts—differentials—rear axles—running gear—brakes—wheel alignment—knee action—steering gear—tires—lubrication—ignition systems—spark plugs—ignition coils—distributors—automatic spark control—ignition timing—generators—starters—lighting systems—storage batteries. Fluid and Hydramatic Drives fully explained. A STANDARD BOOK FOR AUTO MECHANICS AND OPERATORS.
AUD1E1120 ..... $6.95

AUDELS TRUCK & TRACTOR GUIDE
A Shop Companion for Truck Mechanics and Drivers—Shop Foremen—Garagemen—Maintenance Men—Helpers—Owners—Trouble Shooters—Fleet Maintenance Men—Bus Mechanics and Drivers—Farm Tractor Operators and Mechanics—Covering Gas and Diesel Motor Principles—Construction—Operation—Maintenance—Repair—Service Operations—Trouble Shooting—Engine Tune Up—Carburetor Adjusting—Ignition Tuning—Brakes—Service of all Parts. 1376 pages. 78 PRACTICAL FULLY ILLUSTRATED CHAPTERS—INDEXED—1001 FACTS AT YOUR FINGER ENDS.
AUD5E1120 ..... $5.95

AUDELS ELECTRIC MOTOR GUIDE
Covers the construction, hook-ups, control, maintenance and trouble shooting of all types of motors including armature winding. Explains entire subject in every detail. A Handy Guide for Electricians and all Electrical Workers.
Over 1000 pages of information—31 Instructive, Interesting Chapters—617 Diagrams, hook-ups and drawings. All types of motors fully illustrated and indexed for ready reference.
AUD27E940 ..... $5.95

AUDELS DO-IT-YOURSELF ENCYCLOPEDIA
An all-in-one Home Repair and project guide for all "Do-It-Yourselfers." Packed with step-by-step plans, thousands of photos, helpful charts. A really authentic, truly monumental Home Repair and Home Project Guide. Fully indexed and alphabetized.
AUD43E1420 ..... Two Volumes $8.95

AUDELS HOME APPLIANCE SERVICE
864 Pages—500 Illustrations—1001 Facts. A PRACTICAL "HOW TO DO IT" BOOK. For Practical Electric and Gas Servicemen, Mechanics and Dealers. Covers Principles, Servicing and Repairing of Home Appliances. Tells How to Locate Troubles. Make Repairs, Reassemble and Connect. Wiring Diagrams and Testing Methods. Easy to Read. How to fix Electric Refrigerators, Washers, Ranges, Toasters, Ironers, Broilers, Dryers, Vacuums, Fans, also many other Gas and Electric Appliances, Lawn Mowers.
AUD2E1090 ..... $6.95

AUDELS WELDERS GUIDE
A CONCISE, PRACTICAL TEXT ON OPERATION AND MAINTENANCE OF ALL WELDING MACHINES, FOR ALL MECHANICS. 608 pages, fully illustrated 5x6½x2.
Covers Electric, Oxy-acetylene, Thermit, Unionmelt Welding for sheet metal, spot and pipe welds, pressure vessels and aluminum, copper, brass, bronze and other metals, airplane work, surface hardening and hard facing, cutting, brazing—eye protection. EVERY WELDER SHOULD OWN THIS GUIDE.
AUD10E780 ..... $4.95

SHEET METAL PATTERN LAYOUTS
10 Sections, 1152 pages, 350 layouts, 1600 illustrations. A PRACTICAL ILLUSTRATED ENCYCLOPEDIA COVERING ALL PHASES OF SHEET METAL WORK INCLUDING PATTERN CUTTING, PATTERN DEVELOPMENT AND SHOP PROCEDURE.
10 Big Sections Covering: Heating and Air Conditioning Duct Patterns—Special Sheet Metal Layouts—Layouts for various sheet metal shapes—Conductors, Leaders and Leader Head Layouts—Gutters and Roof Outlet Layouts—Sheet Metal Roofing Patterns—Skylights and Louvers Pattern Layouts—Cornice Pattern Layouts—Sheet Metal Boat Patterns— Geometrical Problems, Mensuration and Sheet Metal Mathematics. Developed by experts for Sheet Metal Workers—Layout men—Mechanics and Artisans, Apprentices and Students. A MASTER BOOK FOR ALL THE SHEET METAL TRADES.
AUD29E1200 ..... $7.50

PUMPS, HYDRAULICS AIR COMPRESSORS
A COMPREHENSIVE GUIDE FOR ENGINEERS, OPERATORS, MECHANICS, STUDENTS, WITH QUESTIONS AND ANSWERS. 1248 Pages—3 Books in one—fully illustrated. Practical information covering:
PUMPS: Centrifugal—Rotary—Reciprocating Pumps—Air and Vacuum Chambers—Power and Air Pumps—Jet Condensers—Surface Condensers—calculations. Cooling Ponds—Cooling Towers—Water Supply—Hydraulic Rams—Special Service Pumps—Automotive Fire Pumps—Dredges.
HYDRAULICS: Physics—Drives—Machine Tool Power—Accumulators—Elevators—Airplane Control—Automobile Brakes—Shock Absorbers—Presses—Turbines.
AIR COMPRESSION. Compression—Work—Compressor Classification—Parts, Types—Inter and After Coolers—Regulating Devices—Installation—Lubrication—Operation—Maintenance—Blowers—Superchargers—Pneumatic Hand Tools—A Ready Reference.
AUD40E1120 ..... $6.95

MILLWRIGHTS & MECHANICS GUIDE
PRACTICAL INFORMATION ON PLANT INSTALLATION, OPERATION AND MAINTENANCE. 1248 pages, completely illustrated, 5x6½x2, flexible covers, fully indexed. 1000 facts at your fingertips. For millwrights, mechanics, erecting maintenance men, riggers, shopmen, service men, foremen, inspectors, superintendents.
Section 1: Mechanical power transmission—2: millwrights and mechanics tools and their use—3: building and construction work—4: plant operation and maintenance—5: installation and maintenance of electrical machinery—6: practical calculation and technical data—how to read blue prints.
AUD42E1120 ..... $6.95

AUDELS MACHINIST & TOOL MAKERS HANDY BOOK
COVERS MODERN MACHINE SHOP PRACTICE IN ALL BRANCHES. 3 volumes. Tells how to set up and operate lathes, screw and milling machines, shapers, drill presses and all other machine tools. Indexed, easy to read and understand. A complete instructor and reference book every machinist, tool maker, engineer, machine operator, mechanical draftsman, metal worker, mechanic and student, covering lathes, screw and milling machines, shapers, drill presses, tc. 3 volumes. 1290 pages, fully illustrated. Vol. I Basic Machine Shop Practices, 416 pp.; Vol. II Machine Shop, 500 pp.; Vol. III Toolmakers Handy Book, 374 pp. A SHOP COMPANION THAT ANSWERS YOUR QUESTIONS.
AUD12NE2140 ..... $13.50

CARPENTERS & BUILDERS GUIDES 4 VOLUMES
A PRACTICAL ILLUSTRATED TRADE ASSISTANT ON MODERN CONSTRUCTION FOR CARPENTERS, JOINERS, BUILDERS, MECHANICS AND ALL WOODWORKERS.
Explaining in practical, concise language and by illustrations, diagrams, charts, graphs and pictures, principles, advances, short cuts, based on modern practice. How to figure and calculate various jobs.
Vol. 1—Tools, steel square, saw filing, joinery, furniture—431 pages.
Vol. 2—Builders mathematics, drawing plans, specifications, estimates—455 pages.
Vol. 3—House and roof framing, laying out, foundations—255 pages.
Vol. 4—Doors, windows, stair building, millwork, painting—448 pages.
AUD8E2690 4 VOL., 1750 PAGES, 3700 ILLUSTRATIONS $16.95

PLUMBERS & STEAMFITTERS GUIDES 4 VOLUMES
A PRACTICAL ILLUSTRATED TRADE ASSISTANT AND READY REFERENCE FOR MASTER PLUMBERS, JOURNEYMEN AND APPRENTICE STEAM FITTERS, GAS FITTERS AND HELPERS, SHEET METAL WORKERS AND DRAUGHTSMEN, MASTER BUILDERS AND ENGINEERS.
Explaining in plain language and by clear illustrations, diagrams, charts, graphs and pictures the principles of modern plumbing practice.
Vol. 1—Mathematics, physics, materials, tools, lead work—374 pages.
Vol. 2—Water supply, drainage, rough work, tests—496 pages.
Vol. 3—Pipe fitting, ventilation, gas, steam—400 pages.
Vol. 4—Sheet metal work, smithing, brazing, motors.
AUD6E1660 4 VOLS.—1670 PAGES. 3642 DIAGRAMS $10.50

MASONS & BUILDERS GUIDES 4 VOLUMES
A PRACTICAL ILLUSTRATED TRADE ASSISTANT ON MODERN CONSTRUCTION FOR BRICKLAYERS—STONE MASONS—CEMENT WORKERS—PLASTERERS AND TILE SETTERS.
Explaining in clear language and by well-done illustrations, diagrams, charts, graphs and pictures, principles, advances, short cuts, based on modern practice—including how to figure and calculate various jobs.
Vol. 1—Brick work, bricklaying, bonding, designs—266 pages.
Vol. 2—Brick foundations, arches, tile setting, estimating—245 pages
Vol. 3—Concrete mixing, placing forms, reinforced stucco—259 pages.
Vol. 4—Plastering, stone masonry, steel construction, blue prints—344 pages.
4 VOLS.—1100 PAGES—2067 ILLUSTRATIONS
AUD26E1660 COMPLETE SET—4 VOL. $10.50

HOME WORKSHOP & TOOL HANDY BOOK
The most modern, up-to-date manual ever designed for home craftsmen and do-it-yourselfers. Tells how to set up your own home workshop (basement, garage, or spare room), all about the various hand and power tools (when, where, and how to use them, etc.). Covers both wood- and metal-working principles and practices. An all-in-one workshop guide for handymen, professionals and students. 512 pages, heavily illustrated.
AUD55E780 ..... $5.00

QUESTIONS & ANSWERS FOR ELECTRICIANS EXAMINATIONS
A PRACTICAL BOOK TO HELP YOU PREPARE FOR ALL GRADES OF ELECTRICIANS LICENSE EXAMINATIONS. A COMPLETE REVIEW FOR ALL ELECTRICAL WORKERS.
A helpful Review of all the fundamental principles underlying each question and answer needed to prepare you to solve any new or similar problem, which while being asked differently still calls for the same answer and knowledge.
Covering the National Electrical Code. Questions and Answers for License Tests; Ohm's Law; with applied Examples; Hook-ups for Motors; Lighting and Instruments: 288 Pages. Fully indexed and illustrated. Pocket Size.
AUD34E640 **(Newly Revised—Updated)** $3.95

AUDELS PAINTING & DECORATING MANUAL
For Painters, Journeymen, Apprentices, Contractors and Homeowners. Provides the practical know-how you have been looking for. Concise and current information on house painting and decorating, from A to Z.
RELIABLE INSIDE TRADE INFORMATION! outside and inside work • how to mix paints • preparation of surfaces • paper and paper-hanging • wood finishes • tools and their proper use • synthetic paints, where and how to use them • the care of brushes and bristles • color, spray painting and equipment • scaffolds • how to run a paint business • rigging • costs • estimating • better painting methods and a dictionary of trade terms.
AUD7E800 ..... $4.95

SMALL ENGINES SERVICE MANUAL
Enables you to service all engines used on lawn mowers, garden tractors, karts, scooters, cycles, tillers, etc. Contains over 40,000 maintenance and repair facts! Special fundamentals section covers basics of 2- and 4-cycle engine operation, engine horsepower, torque and efficiency, as well as "track-tuning" kart engines. More than 800 illustrations! 328 pages; 8⅛"x11⅛".
SES2E800 ..... $4.95

OUTBOARD MOTOR SERVICE MANUAL
This brand new updated edition is the most complete service guide of its kind. Covers more than 900 models of 28 popular outboard motors. Gives step-by-step tune-up data and servicing information specifically covering each make and model, including exploded view drawings of the specific equipment. A special section on fundamentals provides background knowledge on motors, drive units, general maintenance, service, etc.
360 pages; 8⅛" x 11⅛".
OUM2E800 ..... $4.95

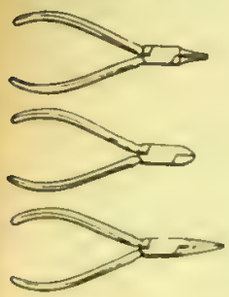
CHAIN SAW SERVICE MANUAL
Includes servicing diagrams and data for the following chain saw brands: Bolens Canadien, Clinton, Cobra, Comet, David Bradley, Eclipse, Hoe, Hoffco, Homelite, Indian, Lancaster, Lombard, Mall, McCulloch, Mono, Partner, Pioneer, Poulan, Power Products, Remington, Root, Sears, Solo, Tecumseh, West Bend and Wright. Special section describes general operating principles and basic service fundamentals applying to all chain saw motors. A special Sams service manual prepared to meet the increasing demand for information on this subject. 176 pages; 8½ x 11".
CSM2E580 ..... $3.35

ELECTRICAL MOTOR CONTROLS & CIRCUITS
By David Fuchs and Stephen Garstang. A comprehensive handbook for installers and maintenance technicians covering automatic and semiautomatic control circuits. Includes complete data on motor starting, speed reduction, motor reversal, pilot devices, motor protection, and control circuit design. Profusely illustrated with diagrams, circuits, and tables. 288 pages; 5½" x 8½".
ECW1E800 ..... $4.95

IMPORTED SPECIALS

NEW STAINLESS STEEL LONG NOSE PLIER

New stainless steel pliers. Long nosed tool from Sheffield, England, 7¾" long. With wire cutter —excellent for hook removal or for making wire rigs and leaders. Precision made of satin finish stainless steel. Comes with handy belt sheath.
605-1608E750 8" Long $5.95



PRECISION SWEDISH 4½" MIDGET PLIERS BOX JOINT

For jewelers, optical workers, hobbyists, etc. Finest drop-forged, heat-treated Swedish tool steel, ground and polished. Precise jaws meet perfectly. Smooth box joints for strength.

612-311E340	4½" Round Nose	$2.60
612-314E400	4½" Diagonal	3.00
612-316E400	4½" Long Nose with Cutter	3.00

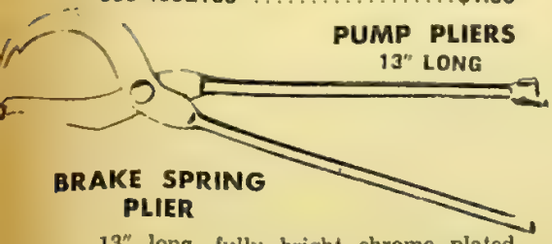
HEAVY DUTY SNIPS

Fully drop-forged, properly tempered and hardened. Nicely polished beveled blades; blue enameled handles. Bolt and nut. 10" long. 2¾" cut.
600-2885E180 $2.50

HOSE CLAMP PLIER

8" professional quality drop forged Plier. Made of high carbon steel that is ground, polished and fully chrome-plated. For clamping hose on automobiles and washing machines.
600-469E180 .....$1.50

PUMP PLIERS 13" LONG



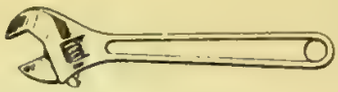
BRAKE SPRING PLIER

13" long, fully bright chrome plated brake spring plier. Specially designed for easily removing or replacing brake springs.
600-728E160 .....$1.30

10" GRIP ALL WRENCH

One-ton test grip all-purpose wrench that can be released with a flick of the finger. Made of heat-treated alloy steel. Holds work to 1¼".
600-1410E120 10" Long $1.50

CHROME-ALLOY ADJUSTABLE WRENCH



Smooth working drop-forged wrench, fully polished and plated with heat-treated thin jaw. Satin smooth movement.

600-44206E240	6" Long	$2.00
600-44208E310	8" Long	2.50
600-44210E400	10" Long	3.30
600-44212E500	12" Long	4.50

STILLSON WRENCH

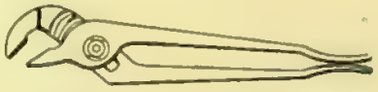
Finest drop forged steel with high quality tempered springs and deep milled, heat-treated jaws.

600-51510E180	10" Long—1½" Capacity	$1.75
600-51514E280	14" Long—2" Capacity	2.50
600-51518E400	18" Long—2½" Capacity	4.00

COMBINATION PLIERS

Chrome plated alloy steel plier for heavy duty. Milled teeth, wire cutter, knurled handles.

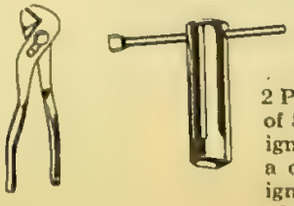
600-4458E140	8" Long Slip Joint	$1.25
600-4466E120	6" Long Slip Joint	1.00



PUMP PLIERS 5-GROOVES

Polished chrome-vanadium tool steel. Five adjustments in position. Open to 1". 9½" long.
600-4498E240 5 Slip Grooves $2.50

2-PIECE IGNITION SET



2 Piece Set. Consists of 5" chrome-plated ignition plier plus a chrome plated ignition wrench size 13/16".
600-476E140 .1.25

QUALITY STEEL BOLT CUTTERS

Made of best quality steel. Case-hardened sharp cutting edges. Positive action compound leverage.
12" Long
600-BC12E380 ...$ 4.50
18" Long
600-BC18E520 ... 6.95
24" Long
600-BC24E900 ... 10.95

BOLT CUTTERS

6½" LONG NOSE PLIER

Powerful, profesisonal pliers made in France of finest drop forged steel—mirror polished heads, extra sharp hand honed cutters, side cutter. For machines, TV, radio work. Heavy duty, sure grip, insulated handles.
600-4464E200 6½" Long $2.25

6½" DIAGONAL PLIER

For cutting, snipping, cleaning up wires . . . a must for all electricians. Heavy duty, sure grip insulated handles.
600-4462E200 6½" Long $2.25

7" LINESMANS PLIER

For electricians, linesmen, telephone men. Full, husky bevel nose. With side cutter. Heavy duty, sure grip insulated handles
600-4460E220 7" Long $2.50

10,000 VOLT INSULATED PLIER

Insulated for 10,000 volts, linesmans plier that is ideal all-around home mechanic's plier as well. Shock-proof, slip-proof. Made of finest drop forged steel with highly polished head.
600-894E200 7" Long $1.75

6½" BENT NOSE PLIER

Versatile long nose plier bent 45 at jaw midpoint. Forged from special heat treated alloy steel.
600-473E160 6½" Long $1.50

IMPORTED SPECIALS

19-PC. RATCHET SOCKET SET

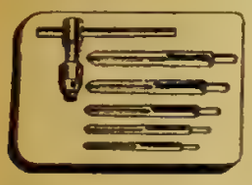
Cadmium plated. Eight 12-point sockets, 1/2" drive—7/16, 1/2, 9/16, 5/8, 3/4, 7/8, and 5/16". One each: L handle, driver bit, ratchet handle, L handle with 7 hex sockets.
600-7019E280 ..... $3.00

SET OF 2 SCREWDRIVERS

Rubber grip screwdrivers with hardened and tempered tool steel blades. Handles assure firm, non-slip grip. Includes one each: 4" x 1/4" common blade; 4" x 1/4" recess blade.
600-1416E150 ..... $1.75

GIANT 2-FISTED SCREWDRIVER

7" blade . . . 13 1/2" long overall. Comes with unbreakable ebonoid plastic handle. Extra-long handle lets you use both hands for extra power.
600-3054E150 ..... $1.50



5-PC. SET CHROME ALLOY TAPS

Special Buy! Set of 5 chrome alloy steel taps with tap handle in plastic lidded box.
600-1429E100 $1.50

5-PC. SCREW EXTRACTOR SET

Removes broken screws, bolts, studs and pipes with ease. Use size drill marked on extractor Tough Chrome-vanadium alloy steel. For screws 1/8" to 3/4". 5-pc. set—1, 2, 3, 4, 5.
600-1402E100 ..... $1.50

RUBBER HANDLE SCREWDRIVER SET

Complete 5-piece set. Includes: 1 screw chuck handle with recessed rubber grip; 2 regular (5/16" cabinet, 1/4" mechanic) blades; 2 cross point blades #1 and #2. In convenient plastic kit for toting, storage.
309-4120E160 ..... $1.75

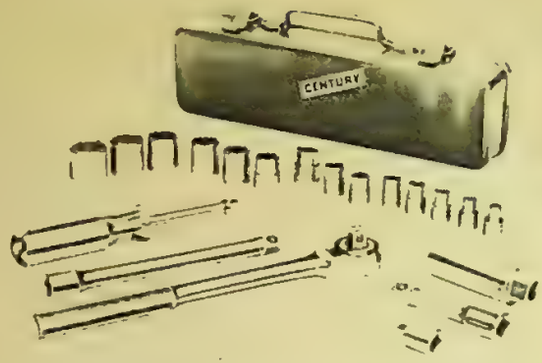
10-PC. RATCHET SOCKET WRENCH SET

Includes reversible ratchet handle; 3 1/2" extension bar; four 6-point sockets—3/16, 7/32, 1/4, 9/32"; four 12-pt. sockets—5/16, 11/32, 3/8, 7/16". All 1/4" drive. Strong tension balls. Nickel plated.
600-1421E140 ..... $2.00

2-in-1 Wrenches 3/8" to 5/8" Most Popular Sizes

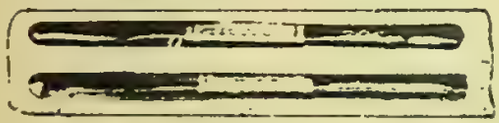
5-PC. FORGED ALLOY STEEL WRENCH SET

Combination open end and box wrenches of bright plated, hardened and tempered alloy tool steel. Sizes 3/8, 7/16, 1/2, 9/16, 5/8". In plastic kit.
600-4415E300 5-Pc. Set $2.80



CENTURY 21-PIECE 1/4" x 3/8" DRIVE COMB. SOCKET WRENCH SET

This set consists of the following: 7 pcs.—3/8" drive, 6 pt. sockets: 3/8", 7/16", 1/2", 9/32", 5/16", 11/32" and 3/8"; 7 pcs. —3/8" drive, 12 pt. sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4"; Ratchet Handle, Extension—3", Extension — 6", Nutdriver Handle — 6", Deep Spark Plug Socket with Rubber Cushion 13/16, 6 pt., Sturdy Metal Carrying Case, Adapter—3/8"F x 1/4"M.
600-4421E1400 $13.95

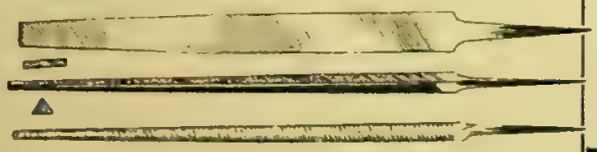


HACK SAW BLADE ASSORTMENT

Contains 20 top quality blades: ten 10" long, 18 teeth per inch; ten 10" long, 24 teeth.
600-1441E140 ..... $1.10

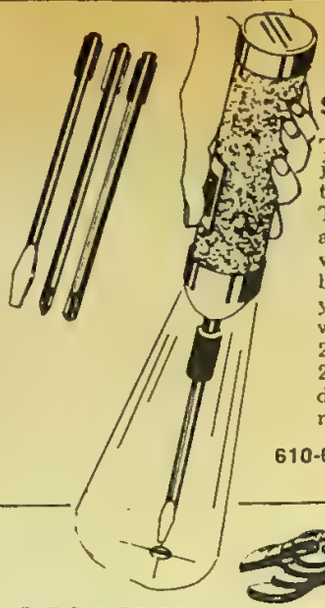
TUBULAR HACKSAW FRAME

Beautifully chrome plated, heavy steel hacksaw frame that adjusts from 8 to 12". Extremely rigid, with safety grip. Has 10" blade.
600-1442E140 ..... $1.25



3-PC. WORKSHOP FILE SET

3 popular files: 6" x X-Slim Taper, 6" Round, 8" Mill Bastard. All quality made for durability. In colorful plastic pouch.
600-1447E150 ..... $1.50



5 pc. ILLUMINATED SCREWDRIVER

The perfect tool for jobs in dark, hard-to-get-at places. This interchangeable screwdriver with a powerful built-in lite saves you time. Complete with carrying case, 2 phillips head and 2 regular screwdrivers. Batteries not included.
610-61164E260 ..$1.98

5-PC. FORGED ALLOY STEEL WRENCH SET

5/16" to 3/4" Professional Quality

Openings 5/16" to 3/4". Hardened, tempered alloy tool steel open-end wrench set in bright plated finish. In handy plastic kit. Extra thin heads.
600-4405E300 5-Pc. Set $2.80

SPARK PLUG HOLDING SOCKET

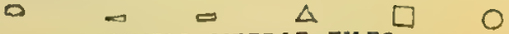
Special deep socket with 3/16" opening, has an oil-resistant insert that securely holds and protects 14mm, spark plugs. Can also be used with any 1/2" or 3/8" square drive fitting, and a 13/16" wrench can be applied to the male plug. Made from finest alloy steel, fully chromed and polished for long life and durability. Length 2-7/16".
600-4451E180 For 3/8" Drive. $1.40
600-4452E190 For 1/2" Drive . . . 1.50

8-IN-1 SOCKET WRENCH

A single drop forged chrome-vanadium steel wrench, with instant swivel-action head. Eight most popular sizes: 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 7/8. Will do almost every nut tightening job on car or house. No chance to lose socket heads.
605-2770E690 ..... $5.39

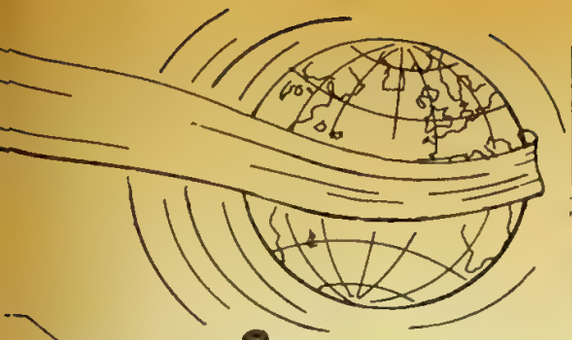
8" SINGLE HAND WRENCH

Fast, powerful, durable wrench with jaws that snap back to tightly, solidly grasp any object. Tempered steel spring for positive snap. Drop forged steel, polished heads. 8" long, 1" opening.
602-137E160 ..... $1.25

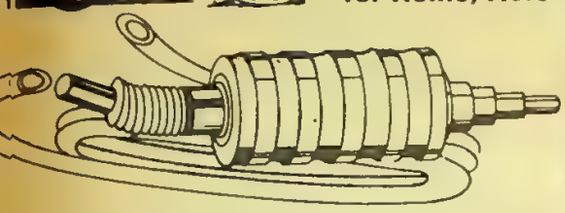


SWISS NEEDLE FILES

First quality Swiss pattern files, number 2 cut. 5 1/2" long. 6 assorted shapes, in plastic pouch. Extremely handy for shop or for hobby work.
600-4620E220 6 Piece Set $1.75



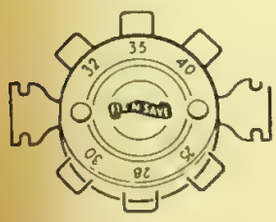
SIPHON PUMP for Home, Auto



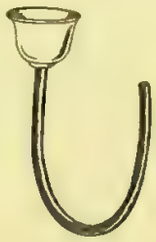
Just squeeze once and a gallon of liquid is siphoned every 90 seconds. Works at any level to transfer water, oil, gas, etc. Can be used to refuel car or unclog sinks. Complete with 6-ft. poly hose and check valve.
600-1052E150 ..... $1.50

TWIN DROP CLOTH PAK

Two generously sized 9 ft. x 12 ft. sheets of all-purpose plastic sheeting that will wipe clean with a damp cloth; paint will not stick to it. Protects furniture, shrubbery, windows against paint, dust, or dirt.
600-877E100 ..... $1.25

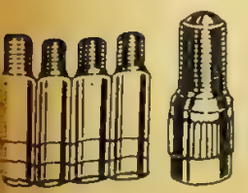


THICKNESS & SPARK PLUG GAUGES for anywhere a precision gap is needed. Hardened, tempered, polished steel with numbers electrically etched on blades. Has blades for spark plug gaps .025, .028, .030, .032, .035, .040.
600-1223E140 .. $1.25

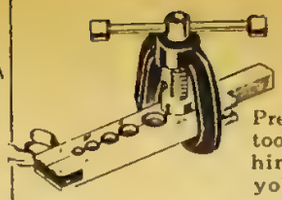


PLASTIC TRANSMISSION OIL FILLER. Funnel is 3" diam., made of unbreakable plastic. With 15" neoprene rubber hose. A necessity for car, boat, darkroom, house, industrial use.
600-1075E140 $1.25

TIRE VALVE EXTENSIONS



Set of 4 valve extensions, each 1¼" long, for wherever extra-length is needed for additional accessibility to install hub caps, safety locks, or to inflate and deflate tires. Set of 4.
423-402E220 ..... $2.00



FLARING TOOL

Precise, accurate, handy tool with quick opening hinge bars. Swivel cone yoke. Made of finest grade steel. Sizes: 3/16, ¼, 5/16, ⅜, ½, and ⅝ outside dimension copper tubing. Total of 6 sizes.
600-1428E240 ..... $2.00

CHAMOIS

100% oil-tanned imported chamois in generous 10" x 13" size. For cleaning, polishing jobs around the home and car. Ideal for windows, mirrors, furniture, windshields, silverware, jewelry, etc. Highly absorbent. Washes.
600-6115E140 ... $1.50

SAFETY FLARE KIT

Two 1-hour flares . . both safe, reusable. A must in an emergency on the road. Use as an emergency light at home, as guide lights, at campfires, barbecues. Can be seen over 1000 feet away. Patented design is windproof and rain-proof for total security.
600-1115E140 $1.50

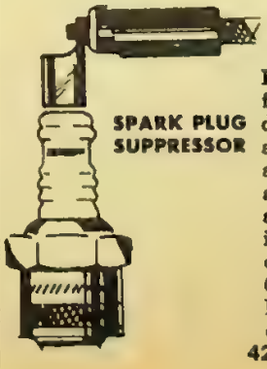
"GREASE MONKEY" GREASE PUMP

A very handy item for light greasing jobs that has the following features:
1. Easy to load
2. Simple to operate
3. Light weight
4. 4 Oz. Capacity

Ideal for cars, lawn mowers, bicycles.
600-896E220 $2.00

DISTRIBUTOR SUPPRESSOR

A scientifically determined 10,000 OHM resistance element is encased in a molded, well-insulated phenolic case to eliminate noises, spark plug static and interference in your car radio. Fits all cars, 6 or 12 volts. Installs easily.
423-DS1E140 .. $1.25



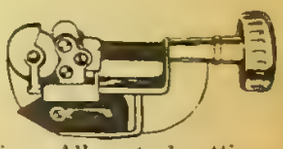
SPARK PLUG SUPPRESSOR Removes radio noise from ignition spark discharge at the plugs, along with static noises and interference. Has a 10,000 OHM resistance element molded into an insulated phenolic case. Fits all cars, 6 or 12 volt systems. Easily installed. Box of 8
423-SP8E660 Box $4.98

COTTER PIN TOOL KIT

This handy kit features 8 different size Cotter Pins for every type of job. Total Kit has over 100 Cotter Pins. The all-purpose Cotter Pin Tool that comes with the kit will insert and remove Cotter Pins quickly and easily.
600-890E140 ..... $1.25

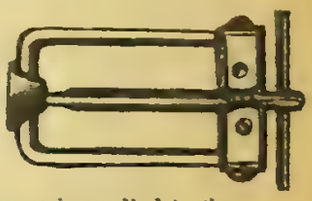
POURING SPOUT

Sturdy, heavy gauge steel construction and chrome plated finish. Sharp cutter cuts into any sealed can. 8" overall spout permits easy pouring. An indispensable tool for home, garage or workshop.
600-719E100 ..... $.75



TUBING CUTTER
With Slide-Lock Reamer

For tubing ⅛" to 1" diam. Alloy steel cutting wheel with hardened steel rollers. Large easy-grip feed knob. Precision made.
600-1438E140 ⅛ to 1" $1.50



4" GEAR PULLER

This handy tool is constructed to grip a gear or bearing when pressure is applied to the center of the forcing screw.
600-1180E150 ..... $1.35

RAPID OIL FILTER REMOVER

Handy tool has one-handed level operation and is ruggedly constructed for long use. Automatic clamp action. Will not slip on oily surfaces. Fits all types of disposable filters. No adjustment required.
600-886E100 ..... $.75

UNBREAKABLE PLASTIC FUNNELS

All-purpose unbreakable white translucent plastic funnels of linear polyethylene, with lifetime guarantee. A must item for motorists, in homes, dark rooms, boats, etc. 1-Pint size, 6" top.
600-1066E100 .$.90

IMPORTED SPECIALS

DRILL ACCESSORIES

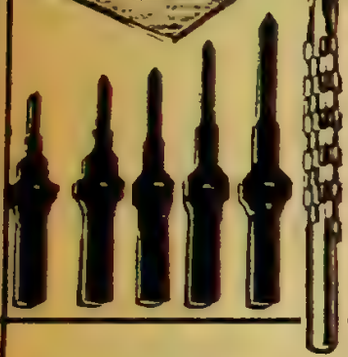
ROTARY RASP

Fits any ¼" Electric drill . . . rasps, shapes, planes and mixes liquids in a jiffy! A must for home, farm, garage or shop. Snaps into chuck of ¼" drill. Hardened tool steel with many, many sharp cutting edges. 13/16" wide.
602-112E180 2¾" diam. $1.95

CIRCLE CUTTER

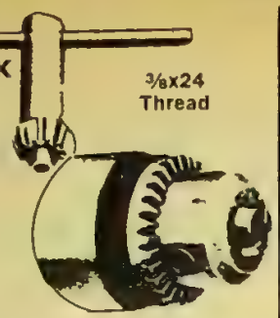
Adjusts from ⅞" to 4" diam. to cut holes in sheet steel, aluminum, wood, plastics, hard rubber, fiber, etc. High speed ground tool bit; body, cross bar of hardened tool steel, ground, polished centers. ¼" round and sq. shank for use in drill chuck or hand brace.
600-1403E140 . . . . $1.00

SIDE CUTTING DRILL COUNTERSINK SET



For use in electric and hand drills, in wood, plastic, masonite, etc. 6-pc. set: 1 Router-Hole saw, 5 Screw Hole drills for screw sizes 4x⅝, 6x¾, 8x1, 10x1¼, 12x1½. Drills pilot holes, shank holes, and countersinks.
600-675E100 6-Pc. In Plastic Kit $1.25

¼" or ⅜" DRILL CHUCK

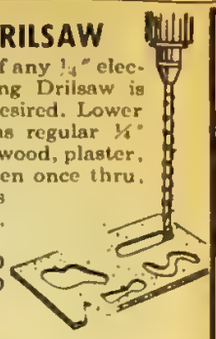


Gear chuck with key similar to Jacobs chuck. Fully polished. Two sizes —¼" chuck with capacity of 0-to ¼"; female threaded ⅜ x 24. ⅜" chuck with capacity ⅛" to ⅜"; female threaded ½ x 20.
600-10E350 ¼" Chuck . . $2.95
600-3820E380 ⅜" Chuck 5.75

2" EXTRA DEEP 7-BLADE HOLESAW

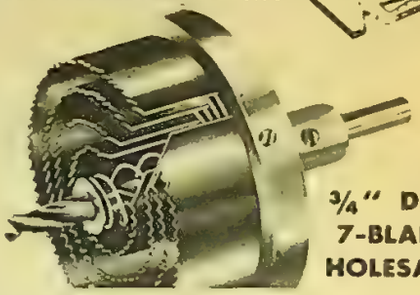
Will cut thru a 2x4. Extra deep 2" cut, cuts holes in wood, plastic or wallboard. Includes 7 blue tempered 2" blades—sizes 1", 1¼", 1½", 1¾", 2", 2¼" and 2½" diam. ¼" shaft fits all electric drills of that size. With automatic slug ejector. Precision made.
600-1264E200 . . . . . $2.00

SUPREME DRILSAW



Simply insert into chuck of any ¼" electric drill, and the amazing Drilsaw is ready to cut any shape desired. Lower portion of Drilsaw acts as regular ¼" drill that easily bores thru wood, plaster, plastics, plywood, etc. Then once thru, the multiple keen edges cleanly, easily cut circles, triangles, zig zag, etc.
600-1253E80 Each $ .50
600-61253E200 Box 6 3.00

¾" DEEP 7-BLADE HOLESAW

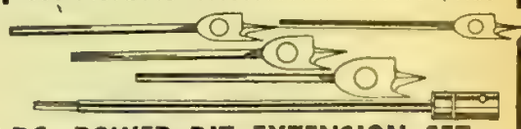


Fits any electric drill, drill press, lathe, motor. Works twice as fast as other hole saws that sell for twice as much. Contains 7 finest quality shatterproof blades, each ¾" deep—sizes: 1", 1¼", 1½", 1¾", 2", 2¼", and 2½" cuts. Makes clean, accurate holes in wood, plastics, metals, formica, wall board, etc. Sturdy alloy tool head. With automatic slug ejector and ¼" drill bit.
600-1407E140 . . . . . $1.50

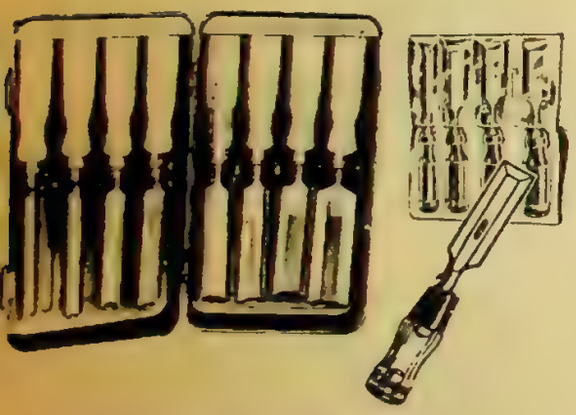
5-PC. MOUNTED STONE SET

The 5 most popular Stone shapes in one kit mounted on ¼" shanks to fit all electric drills, flexible shafts, etc. For grinding, polishing, sharpening, deburring, etc.
600-4019E200 . . . . . $1.90

5-PC. POWER BIT EXTENSION SET



Includes 10" extension and 4 power bits—sizes ⅜", ½", ¾", 1", 5" long. Fits into all electric drills lets you drill as deep as 15".
600-663E120 . . . . . $1.50



DELUXE SOCKET BUTT CHISEL SET

8-piece chisel set in beautiful, sturdy case. Razor sharp edged chisels with beveled blades of drop forged tool steel, hardened, tempered, mirror finished; clear hardwood handles, leather tipped.
600-8607E660 8 Pc.—¼" to 1¼" $6.95

4-PC. TANG CHISEL SET

Swedish pattern tang chisel set of drop-forged, tempered, hardened tool steel. Beveled blades. Clear amber plastic shock-proof handles. In plastic kit. ¼, ½, ¾, 1".
600-603E500 4-Pc.—¼ to 1" . . $4.95

AUTOMATIC SCREWDRIVER

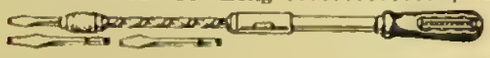
Strong automatic spring return. 3-position adjustable to right, left, neutral. Made in England. Nickel plated body. Hardwood handle. As Yankee #133H.
605-7331E360 10" Long $2.95

AUTOMATIC SCREWDRIVER

Complete with 2 bits and 3 drill points in clear plastic handle. Similar action to above—as Yankee #233H. Made in England.
605-7332E500 10" Long $3.95

AUTOMATIC PUSH DRILL

Heavy duty. All steel nickel plated. Magazine handle holds 4 drill points from 1/16 to 11/64. Made in England. Plastic handle, chrome cap.
605-7354E600 10" Long $4.95



RATCHET SCREWDRIVER

Nickel plated body, rosewood handle. Smooth-working fool-proof mechanism makes this a lifetime tool. 3-position adjustment—right, left, hold. Comes with 2 bits. As Yankee 130A. Spring return.
600-130E700 20" Long $6.00

PIN VISE

Equipped with 3 jaw chuck. Firmly holds small diameter work for easy handling. Hardwood handle. A handy tool for any shop, and ideal for in the home. Quality-made precision tool. 0-¼ capacity.
602-151E120 . . . . . $1.25

HAND VISE

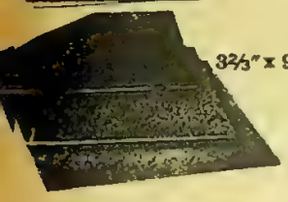
Compact, precision made tool that is ideal for firmly holding small items while you work on them. With smooth hardwood handle. Finest quality steel screw. 1¼" steel jaws.
602-150E100 . . . . . $1.50

POWER SCREWDRIVER ATTACHMENT

Attaches to any ¼" electric drill or press. With 2 bits for slotted or recess screws.
600-1409E150 . . . . . $1.50

40 SHEETS OF SANDPAPER

A complete assortment of full size 9" x 10" sheets of aluminum oxide sandpaper—all grits from extra coarse to extra fine. 40 sheets.
600-4040E120 $1.75



21-PC. SANDPAPER ASSORTMENT

3⅔" x 9"

Aluminum oxide paper for oscillating and hand sanders. Hard, sharp, enduring abrasive for fast cutting, long life. For wood, plastic and metal. Each sheet 3⅔" x 9". Assorted fine, medium, coarse grits. 21 sheets.
600-4021E100 ..... $1.25

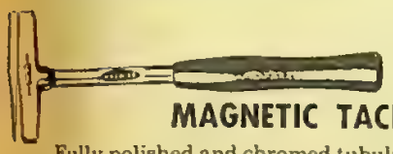
HANDY SANDER

With Ten 5½x4½" Sheets of Sandpaper

Handy tool for sanding, polishing. Lever mechanism for easy insertion, removal of sandpaper. 10 5½x4½" assorted grit sheets.
600-676E110 ..... $1.25

RUBBER HANDLE HAMMERS

Indestructible—built for lifetime service. Has forged steel head permanently fastened to shock-absorbing steel shaft. Cushioned, non-slip handle.
600-816E120 16 oz. Regular $1.25
600-1430E110 8 oz. Light 1.00

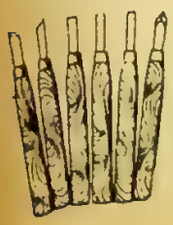


MAGNETIC TACK HAMMER

Fully polished and chromed tubular construction. 10" long. Magnetic tip. Easy-grip rubber handle.
600-813E120 ..... $1.25

SABRE SAW BLADES

Fits all popular make saws including Black & Decker, Craftsman, Shopmate, Ram, Skil, Stanley, Wen, Speedway, Thor. Includes 5 blades.
600-965E100 ..... $1.25



12 CARVING KNIVES

Sharpest, keenest ground surgical steel knives—sharp enough to split a human hair in two! 12 different shapes and edges for every cutting job. Each has 4½" long hardwood handle.
600-42E120 ..... $1.50

WIRE STRIPPER AND CUTTER

Strips and cuts wire up to #10-22 gauges. Locks into position for 5 most-used gauges. 5" overall, black gun metal finish, red plastic handles.
600-777E100 5" $1.00

3" MITRE CORNER CLAMP

Strong body made of die cast aluminum. Chrome plated T-slide bars. Handy tool for clamping, cutting, glueing, nailing, etc. Two-tone lacquered finish.
600-888E170 $1.80

SOLDERING IRONS

Precision-made, economical pistol grip iron heats up in seconds . . . does every soldering job. Handle stays cool. 2" long tip tapers to fine point for precision work. 9½" long overall. 60w, 115 volts
600-1432E180 ..... $1.75

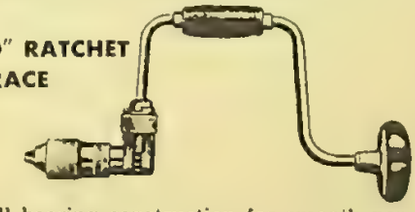
TAP & DIE SETS

7-pc. National Coarse Set, precision made from Tungsten steel. Contains one each: taps and dies ¼, 5/16, ⅜"; tap and die holder. In hardwood box with clear plastic slide cover.
600-527E300 ..... $2.50

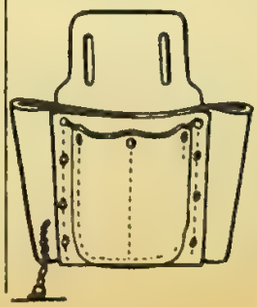
12-PC. TAP & DIE SET

Same as above, but 12-pc. set. Includes one each: ¼, 5/16, ⅜, 7/16, ½"; die stock; tap wrench; hardwood box with clear plastic slide cover.
600-9062E450 National Coarse $4.98

10" RATCHET BRACE



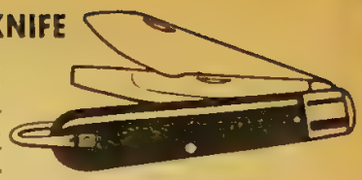
Ball bearing construction for smooth performance. 7/16" stock. Alligator spring jaws. Extra-heavy chuck. Mahogany finish wood.
600-1047E320 10" Sweep $2.95



TOOL POUCH

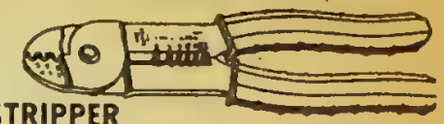
5 pockets hold pliers, hammer, screwdriver, etc. Chain with T-bar for friction tape. Top grain leather. Fits on belt.
600-906E260 ..... $2.50

ELECTRICIAN KNIFE



For electricians, radio or maintenance men 3¼" long. One spear blade, one screwdriver blade with wire scraper. Center safety lock. Nickeled bolsters, shackle.
602-827E150 Hardwood handle $1.75

CRIMPING TOOL & WIRE STRIPPER



8" long, with insulated handles. Bright plated. With assortment of solderless terminals. Cuts, strips wire in gauges 10-22. Crimps solderless term.
600-1413E180 ..... $2.00
600-873E140 50 Assorted Solderless Term. . 1.25

3-PIECE C-CLAMP SET

Heavy malleable cast C-clamps with red-enameled frames. Plated T-bars. 2 pieces, 1" open x 1" deep, 1—2½" open, x 2" deep.
600-1436E120 ..... $1.50

TUBULAR HANDLE MALLET

7-oz. chrome-plated head has 2 interchangeable tips . . . 1 plastic, 1 rubber. Tubular neck, sure-grip rubber handle for non-slip control, easy handling.
600-650E120 $1.50

WORK GLOVES

Leather palms of top grain split leather. Fabric part is 100% cotton with yellow and blue striped back, knit wrist. Safe sure grip, cool comfort.
600-1818E170 ..... $1.75

GROMMET SETTING TOOL SET

With 10 Sets ⅜" grommets

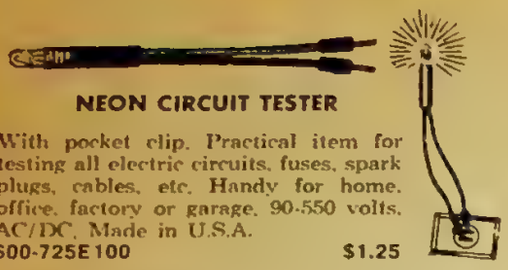
Useful tool for repairing tents, tarpaulins, beach chairs, etc. 7" long copper-plated tool with black anvils; 10 sets ⅜" hole brass grommets.
600-742E100 Grommet Kit . . . $1.50
600-845E80 Extra 10 Sets ⅜" Grommets .50

HANDI-WIRE BENDING JIG

For Wire Sizes to ¼"

Forms wire sizes up to ¼" diam. into decorative, useful articles. Steel slots, steel bending pins make basic eyes, angles, curves or straighten.
600-871E140 Instructions included . $1.50

IMPORTED TOOLS—SPECIAL SAVINGS

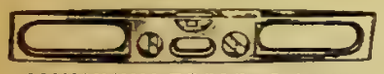


NEON CIRCUIT TESTER

With pocket clip. Practical item for testing all electric circuits, fuses, spark plugs, cables, etc. Handy for home, office, factory or garage. 90-550 volts, AC/DC. Made in U.S.A.
600-725E100 $1.25

SNAP FASTENER PLIER
with 16 Snap Fastener Sets

Easy to use pliers lets you simply "squeeze" and put rugged snap fasteners on shirts, shorts, etc. No more button-sewing or trying to match lost buttons. Complete with 8 four-piece sets of Snaps.
600-KG3E160 Plier Kit with Snaps $1.98
600-KG7E120 Large pkg. extra snap sets 1.00

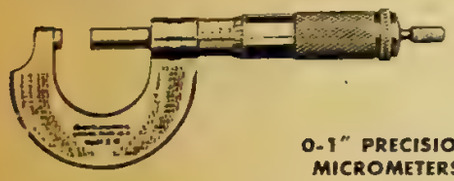


ALUMINUM TORPEDO LEVEL

Handiest all-around level with 3 glasses—1 level, 1 plumb, 1 45°. 9" long—fits in pocket. Nickel-plated top. Easy to read etched bubbles.
600-1439E120 9" Long $1.00

STUDENTS 1" MICROMETER

A precision measuring tool with frame of die cast alloy, all other parts steel. Accuracy guaranteed to .0005" for full range. Has zero adjustment, ratchet stop. Calibrated by .001". Ideal tool for beginners and students . . . reasonably priced.
604-LM1E500 ..... $3.95

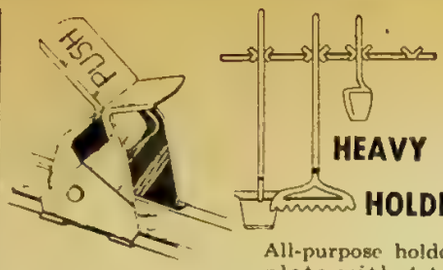


0-1" PRECISION MICROMETERS

Full finished frame with decimal equivalents. Satin finish thruout with easy to read black graduation. Friction thimble for more sensitive pressure. Fully adjustable for wear.
350-102E800 1/1000" readings 0-1" $ 7.95
350-202E1060 1/1000" readings 1-2" $10.95
600-72210E1400 1/10.000" r'dings 1-2" 12.95

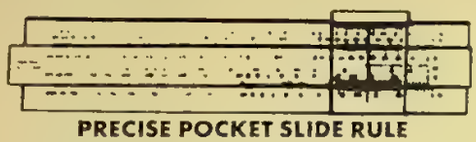
VERNIER CALIPER

Cleanly finished and polished caliper. Graduated in 16ths and 32nds. Readings to 1/128". With friction roller adjustment, depth gauge. Inside and outside jaws. 5" scale.
602-62E180 ..... $1.50



HEAVY DUTY HOLDERS

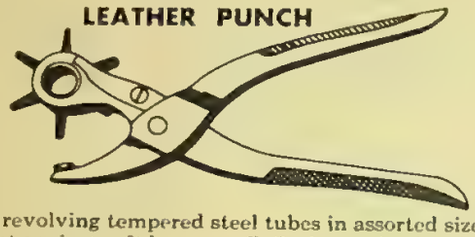
All-purpose holder complete with 4 tension clamps that adjust on a sliding panel. For holding hand tools, garden tools, brooms, mops, sports equipment, etc. With screws for mounting easily on wall.
600-712E120 $1.50



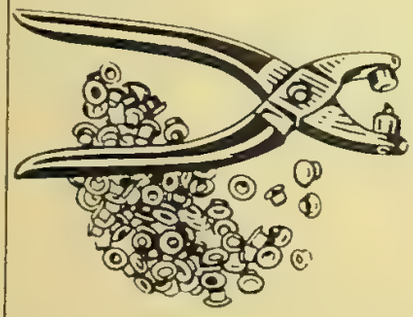
PRECISE POCKET SLIDE RULE

Handy 5" size. Adds, subtracts, multiplies, divides with guaranteed accuracy. For salesmen, students, engineers, etc. With instructions.
602-678E160 ..... $2.00

REVOLVING LEATHER PUNCH



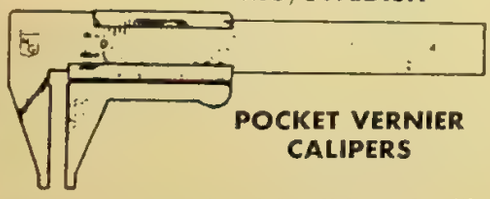
6 revolving tempered steel tubes in assorted sizes cut against soft brass anvil. Spring action handle. Ratchet mechanism keeps punch head centered.
600-2890E240 ..... $2.00



IDEAL EYELET PLIER

Quality, easy-to-use tool saves money on repairs. Lets you insert eyelets on fabric, leather, plastic, cardboard, paper, oil-cloth, etc. Prevents tearing of material for re-use. With 300 eyelets.
600-1401E140 Complete Plier Kit $1.25
600-KG6E120 Pkg. asst. 100 extra eyelets .75

MG/SWEDISH

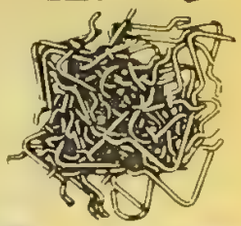


POCKET VERNIER CALIPERS

Made of finest hardened Swedish steel, with permanent black graduations, inside and outside measurements, comparison scales. Polished finish.
0-4" .001" bottom and 1/10MM top grads.
350-4001E720 ..... $5.40
0-4" 001" bottom and 1/128" top grads.
350-4128E720 ..... $5.40

WALL BOARD HOOKS

50 assorted L and U shape hooks in the most popular sizes and in standard gauge. Will fit all standard types of pegboard, perforated wall boards. For office, home, workshop. Lets you hang notes, tools, toys, utensils, brooms neatly.
600-562E100 $1.25



PUTTY KNIFE AND SCRAPER SET

Mirror polished, forged blade, tapered down flexible point. Black plastic handles riveted thru tang of blade for security. 2-pc. set.
600-1446E110 ..... $1.50

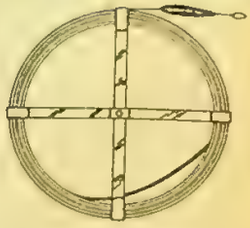
OVER 100 ASSORTED SPRINGS

Brand new all-purpose precision made steel springs. Springs for every and any function. All sizes and shapes, in a variety of lengths. Over 100 of them. Worth many times more than this low price!
600-101E180 $1.25

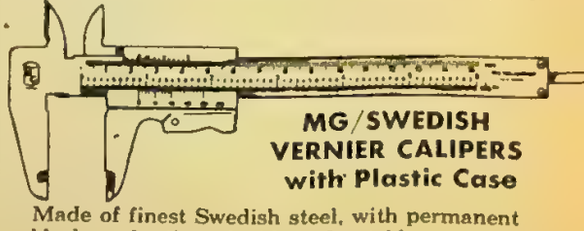
72-PC. SCREW ANCHOR KIT

A must in every home or office, for putting up shelves, curtains, can openers, other appliances, tools, accessories. Handy kit contains 36 screw anchors and 36 assorted size bright finished screws. Ideal for permanent, rust-proof installation, both indoors and out, in concrete, plasterboard, tile, etc.
600-870E120 ..... $1.50

SINK & DRAIN CLEANER



Flat, flexible 3/16" wide spring steel rod with revolving point opens stopped sinks, and clears clogged drains. In steel holding frame. 15-ft. long overall. With complete, easy-to-follow instructions for use.
600-1427E120 $1.50



MG/SWEDISH VERNIER CALIPERS with Plastic Case

Made of finest Swedish steel, with permanent black graduations, inside and outside measurements, depth gage, beveled jaws and comparison scales. With instructions.
0-6" .001" bottom and 1/10MM top grads.
350-6001E1700 ..... $12.50
0-6", .001" bottom and 1/128" top grads.
350-6128E1700 ..... 12.50

IMPORTED SPECIALS—EXTRA VALUE

HOME POSTAL SCALE

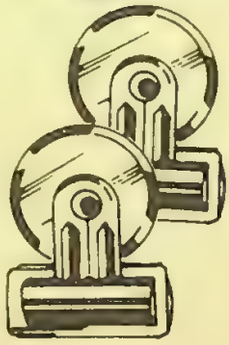
Take the guesswork out of your postage for letters and packages. Save on postage costs by accurately determining the correct postage. End delays and returns. Clearly marked for Air Mail, 1st, and 3rd Class mail. Gives postal rates to 16 ounces, also postal regulations. 4x4½x2".
610-31053E200 ..... $2.00

IMMERSION HEATER

Electric heater heats up water in shortest possible time . . . ideal for hunting, fishing, camping trips, or in the home.
600-1057E100 ..... $1.00

COMBINATION LOCK

Padlock with practically unlimited combinations. Genuine safe sweep dial. Precision rustproof mechanism. Die cast body, brass finish. 1¾" wide. 3-No.
600-1050E140 $1.25



4 MAGNETIC CLIPS

4 magnetic clips attach to any steel surface . . . kitchen or bathroom cabinets, office file cabinets, etc., and hold a myriad assortment of notes, and other important papers. Come 4 to a card.
600-874E100 .. .. $1.25

MAGNETIC CUP HOLDERS

Practical and handy holders can be used anywhere there is steel, to hold cups, or other items with hanging rings. No need to drill holes and fasten hooks. Lifetime magnets, easily moved. 4 to a card.
600-385E100 $1.00

TELEPHONE LOCK

Chrome-plated zinc alloy lock fits all phone dials. Prevents outgoing calls, yet permits incoming calls. Cuts high phone bills, unauthorized calls. Comes complete with 2 keys.
600-1131E110 $.90

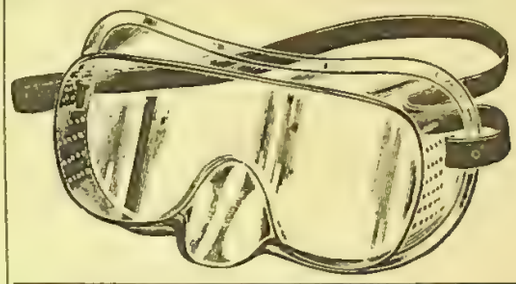
"THE TARGETEER"

Luger Style CO_2 Powered B.B. Repeater Air Pistol

- 7 Shot—Clip-Fed. • 8" Long: 5½" high.
- Uses ordinary CO_2 Cylinders 8½ Gram Size.
- Ultra-Design Grip to Fit Hand's Contour.

This finely balanced semi-automatic pistol has all machine parts and is one of the finest guns in its class. "The Targeteer" is finely balanced for easy handling and quick pointing. Fully adjustable front and rear sights help deliver the ultimate in accuracy from a pistol of this type.
805-34617E3100 ..... $24.95

"Fires Seven Shots As Fast As You Can Pull The Trigger"

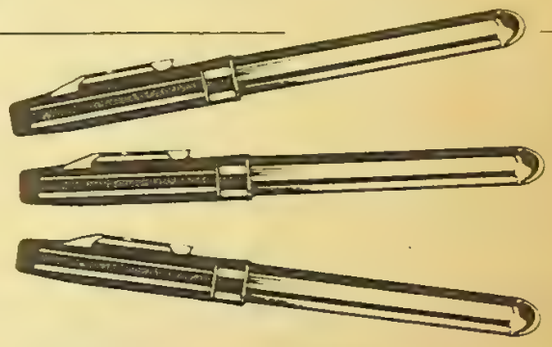


SAFETY EYE GUARD

A must for eye safety . . . protects against dust, spray, flying particles. Made of scratch-resistant, non-shatterable Eastman tenite. Resists impact, will not fog up. Fits over eye-glasses.
600-849E140 ..... $1.75

FOUNTAIN PEN-TYPE MARKER SET

3 Markers in black, red and blue that will come in very handy for innumerable marking jobs. Fine, tapered tip is ideal for hobbyists, precision work and all jobs requiring fine touch. Large ink supply in each pen will write on any surface. No smudging as ink dries instantly.
650-1058E150 ..... $1.50

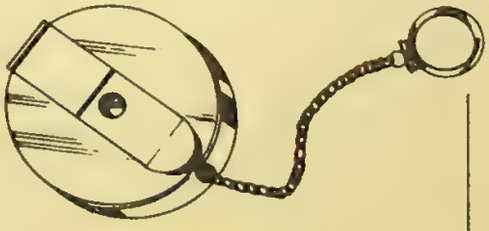


GIANT BLACK MARKER

Giant marker has extra large ink supply and will write smudge-free on any surface. Ink dries instantly . . . is fully waterproof. Has one thousand and one marking uses.
600-1056E100 ..... $1.00

4-PC. HANDY MARKER SET

Writes on anything . . . paper, wood, cloth, rubber, leather, glass, metal, plastic, etc. Instant drying, water-proof. In 4 color assortment to let you color-code items.
600-748E100 $1.00



SPRING RETURN KEY REEL

1¼" dia. strong steel key-ring complete with swivel eye snap lock 3¼" long, ¾" eye. All fully nickel-plated. Can be attached to belt loop or other convenient place.
600-898E200 ..... $1.80

21 ARTISTS' BRUSHES

Includes 21 assorted paint, cleaning, artists and miscellaneous brushes. Handles in various bright colors, with metal ferrules. Ideal for home, school, workshop.
600-4721E150 .. $2.00

INDEX

A

Abrasive Cut-off-Wheel . 38
Abrasive Blades. 50
Abrasive Sheets . . . 28, 29
Adapter, 3 Wire 118
Adding Machine 95
Adhesive 116, 117
Aerators 113
Airguide 98
Alarm 144
All Saw 21, 158
Alternator Tester 73
Ammeter 72
Angle Divider 80
Angle Drive 6, 12
Antenna Booster . . . 76, 119
Antenna Coupler 119
Apron, Work 50
Arbor 11, 12, 41
Arch Punch Set 82
Artist Brush 155
Athletic Equipment 132, 133
Attache Case 145
Auger Bits 48
Auto Accessories . . .71, 72, 73, 74, 75, 76, 141, 149, 150
Automatic Drill . . . 47, 150
Awl, Scratch 51, 81
Axe 43

B

Back Saw 42
Badminton Set 132
Band Saw 37, 39
Barometer 98, 104
Baseball Equipment . 132
Basketball 132
Bathroom Accessories 113
Bath Tub Edging 116
Batteries 129
Battery Charger . 74, 128, 157
Battery Tester 72
Bedspecs 102
Bell, Patio 133
Belt Dressing 115
Belt Sander 28, 34, 37, 38
Bench Grinder 31
Bench, Work 44
Bench Saw 37, 39
Bending Jig 151
Bevel 15, 82
Bilge Pump 99
Binoculars 100, 101, 102, 157
Bit, Drill 10, 11, 48
Bit, Extension. 13, 150
Bits, Router 48
Blades, Coping 21, 43
Blades, Hacksaw .24, 43, 148
Blades, Jig Saw. 23
Blades, Saw 18, 19 21, 22, 24, 41, 43
Blender 137
Blow Torch 85
Boating Accessories 98, 99, 116, 133
Bolt, Door or Window. . . 125, 126, 127
Bolt Cutter 147
Bonnet, Polish 14, 27
Book Case 92
Books, Manuals . .72, 75, 146
Bow Eye 99
Box, Mitre 42
Box, Tool 62, 63
Brace, Bit 47
Brace, Corner 124
Bracket, Sawhorse . . . 44
Brackets 124, 125
Bricklayers Set 51
Broiler 138
Brushes, Paint . . . 114, 153
Brush, Wire 14, 41
Buff, Cloth 41, 76
Buffing Attachment 14, 16
Builders Kit 32, 33
Burrs 13
Burglar Alarm . . . 76, 144
Butt Marker 83

C

Cabinet, File & Storage . 63, 90, 91, 92, 93
Cabinet Hardware . . 122, 124, 125
Cabinet, Parts 62, 63
Cable Booster 74
Caliper . . 77, 78, 79, 152
Cam Dwell Tester . . . 73
Camping Equipment . 131
Camp Lamp 131
Can Opener 137, 138
Car Care Products . . . 71
Carbide Bits 11, 35
Carbide Wheel 38
Carburetor Tune Up . 71
Car Mats 73
Carpenter Box 60
Carving Set 51
Car Wash 71
Casters 139
Caulking Compound 116
Caulking Gun 116
Cement 116
Center Punch 84
Chain Lock . 124, 126, 129
Chain Saw 17
Chain Wrench 64
Chair 90, 91
Chalk Line 59, 139
Chamois 149
Charcoal Lighter . . . 133
Charger, Battery . 74, 128, 136, 137, 157
Chime, Door 110
Chisels 50, 51
Chisel Sharpener . . . 83
Chrome Cleaner 71
Chuck 15, 150
Chuck Converter 15
Circle Cutter 83, 150
Circular Saw . 16, 18, 20, 31
Clamps 52, 82, 151
Cleats, Marine 99
Clock 75, 98, 144
Closet Light 119
Clothesline 137
Clutch Head Screwdriver 46
Coat and Hat Hook . . 124
Coffee Maker . . . 137, 138
Coil Tester 73
Combination Lock .126, 153
Combination Square . . . 79, 82
Compass 98
Compass Saw 43
Compressor 86, 87
Compression Tester . . 72
Contour Gage 47
Coping Saw 21, 43
Cord 139
Corner Clamp 48
Cotter Pin Kit 149
Countersink 11, 48
Cover, Boat, Car 133
Crimping Tool 118
Cup Holders 153
Cut-Off Wheel 38
Cutter, Bolt 64
Cutter Gasket 83
Cutter, Pipe 64
Cutter, Tubing . . . 82, 149

D

Dado 41
Dagger 130
De-Icer 71, 76
Depth Gauge 80
Desk 90, 91
Dial Test Indicator . . 77
Die Stock, Dies . . . 83, 84
Dimmer Switch . . 119, 157
Dirt Trap 115
Disc Sander 14, 27
Distributor Suppressor 149
Dividers 77
Dolly 144
Door Chain 126, 127
Door Chime 118
Door Closer 126
Door Knobs . 2, 124, 125, 127
Door Knockers 127
Door Latch 124
Door Stop 124
Door Templet 32
Dovetail Kit 32, 34
Dovetail Saw 44
Dowelling Jig 80
Drafting Set 90
Drain Cleaner 152
Drawer Pulls 124
Drift, Punch 51
Drill Accessories . . . 10, 11, 12, 13, 14, 15, 150
Drill, Automatic . . 47, 150
Drilsaw 143
Drill Bits 10, 11, 48
Drill Carbide 35
Drill Case 10, 11
Drill, Cordless 3, 7
Drill, Electric . . . 2, 3, 4, 5, 6, 7, 8, 9, 16, 36, 39
Drill Gauge 80
Drill, Grinding Attachment 16, 83
Drill, Hand . . 47, 48, 150, 151
Drill Kit 4, 6
Drill Points 47
Drill Press 31, 37, 39
Drill Stand . . . 9, 13, 31
Drill Star 51
Drive Pin 84
Drive, Right Angle . .6, 12
Drop Cloth 76, 149
Duplicator 95

E

Edger 112
Electrical Accessories . . 118, 119
Electrical Appliances . . 136, 137, 138
Electrical Tape 118
Electrician Knife . . 130, 151
Electric Knife 137, 138
Electric Scissors . 144, 158
Electric Pencil Sharpener 90
Elmer's Glue 117
Enamel, Epoxy 117
Engraving Tool . . . 121, 157
Epoxy, Glue 117
Exerciser 131
Expansive Bits 48
Extension Bit 13, 150
Extension Cord . . 20, 118
Extension Ladder . . . 121
Extension Rule 58
Extension Table . . 40, 91
Extinguisher, Fire . 40, 91, 157
Extractor, Screw . . .75, 121, 157
Eye Glass Cleaner . 100
Eye Guard 153
Eyelet Plier 152

F

Fan 96
Fan Cover 97
Faucet Handle 113
Feeler Gage 80
Fender Hook 99
Fender Mender 115
Fertilizer 112
File Cabinet . . 90, 91, 92, 93
File Holder 50
Files 49, 50, 148
Fire Extinguisher 75, 121, 157
Flare Kit 149
Flaring Tool 82, 149
Flasher, Safety . . 75, 76
Flashlight . .75, 128, 129
Flexible Shaft 13, 40
Flood Light 120
Fogger, Insect 112
Football 132
Friction Tape 118
Fry Pan 138
Funnel 149
Furniture Glides 139, 144
Fuse Puller 118
Furniture, Office . . 90, 91, 92, 93

G

Garage Door Bottom . 114
Garage Door Operator 76
Garden Hose 110
Garden Needs . . . 12, 31, 107, 108, 109, 110, 111, 112, 120
Gasket Cutter 83
Gasline Antifreeze . . 71
Gage, Butt 83
Gage, Depth 80
Gage, Drill 80
Gage, Height 78
Gage, Hole 80
Gage, Marking 83
Gage, Radius 80
Gage, Stair 83
Gage, Surface 80
Gage, Telescope 80
Gage, Thickness 80
Gage, Thread 80
Gage, Tire 75
Gage, Wire 80
Generators 86
Gift Pack 128
Gloves 110, 151
Glove, Baseball . . . 132
Glue 117
Glue Gun 2, 117
Grass-Catcher 107
Grass Shears 112
Grease Gun 149
Grinder, Electric . . . 16, 26, 27, 41
Grinder, Hand 40
Grinding, Head 40
Grinding Wheels 38
Grit Shoe 29
Gritter 50
Grommet Tool 151
Gun, Spray . . 87, 88, 89
Gym Bar, kit 138
Gyro Vise 53

H

Hacksaw Blades .24, 43, 148
Hacksaw, Electric . . 12, 22, 24
Hacksaw, Frame . 43, 148
Hair Cutting Kit 136, 138
Hair Dryer 136, 138
Hammer 45, 151
Hammer, Electric . . . 19
Hammer, Tacker 115
Hand Drill . . .47, 48, 150, 151
Hand Grinder 40
Handles . . . 122, 124, 125
Hand Rail Bracket . . . 124
Hand Saw 42, 43, 44
Hand Screws 52
Hand Truck 93
Hand Vise 82, 150
Hand Warmer 132
Harness Snap 139
Hasp 125, 126
Hatchet 43
Hawk, Trowel 50
Health Lamp 145
Heater 136, 153
Hedge Shear 111
Hedge Trimmer . . 31, 112
Hedge Trimmer, Attachment 12
Hex Keys 66
High Intensity Lamp . . 120
Hinge 122, 124, 125
Hinge Mortising Kit . . 34
Hoist 121
Holder, Magnetic . . . 77
Holder, Paddle or Rod 99
Holder, Tool 123, 152
Hole Gage 80
Hole Saw 14, 150
Hone 35
Hook, Clothes . . 113, 123
Hook, Fender & Tow . . 99
Hook Rule 79
Horn 75, 99
Hose 110
Hose Connectors . . . 110
Hose Nozzle 110
Humidifier 97
Hunting Knife 130

I

Idle, Tachometer, Auto .73
Ignition Plier 57
Ignition Spray 71
Impact Wrench 26
Indicator Holder 77
Intercom 140
Iron 137, 138
Isometric 133

J

Jack, Machinist 83
Jewelers Screwdriver . 81
Jig Gage 80
Jig Saw . 21, 22, 23, 25, 158
Jointer . . 36, 38, 39, 51

K

Key Holder 126, 153
Keyhole Saw 43
Kick Step 121
Kitchen Aids 137, 138
Knee Protectors 111
Knife Sharpener . . 15, 137
Knives . . 114, 130, 131, 151
Knobs . . 2, 124, 125, 126, 127, 152

L

Ladders 121
Lag Screw Shield 123
Lamp 120
Lantern 127, 128, 131
Latch, Door . 122, 124, 127
Lathe 38
Lawn Mower 107
Lawn Sprinkler 108, 109
Lawn Sweeper 107
Lawn Trimmer 112
Lead Anchors 123
Leather Punch 152
Legs, Wood 133
Letters, Steel 131
Levels . . . 2, 59, 60, 61, 152
Lighting Fixtures 120
Light, Patio 120
Light, Safety 76
Line Fastener 137
Linoleum Knife 114
Liquid Wrench 115
Locks 2, 126, 127, 153
Locksets 2, 127
Lopping Shear 111
Loupe 102
Lubricant 20, 71
Luggage 145

M

Machinist Clamp 52
Machinist Jack 83
Magnet 81
Magnetic Base 77, 80
Magnetic Catch 124
Magnetic Clips 153
Magnetic Cup Holder . 153
Magnetic Pickup 81
Magnifier 81, 102
Mail Box 133
Mallet 41, 151
Mandrel 40
Marine Accessories 98, 99, 116, 133
Marine Sealant 116
Marker 153
Marking Gage 83
Masking Tape 114
Mason Line 137
Masonry Bits 10
Masterench 65, 148
Mat, Auto 73
Mending Plates . 124, 125
Mercury Switch 118
Metal Gage 80
Metric Wrenches 70
Micrometer 78, 152
Microscope 102
Miracle Gro 112

INDEX

Mirror 75, 93
Mitre Box 42
Mitre Guide 19
Mitre Machine 42, 43
Mitre Saw 42
Mitre Square 82
Mixer, Food 137, 138
Molly Anchors 123
Mortise Gage 83
Mortising Kit 34
Mortite 114
Motors 40
Moto Tool 2, 25
Moulding Tool 51
Mowers 107
Multisocket Wrench 65, 148
Mystic Tape 115

N

Nail Puller 45, 51
Nail Sets 84
Nest of Saws 43
Night Latch 126
Nippers 57
No-Drip Tape 114
No Korode Solder Paste 85
Norelco Shaver 136
Nozzle 110
Nut Drivers 55
Nuts, Washers 125
Nylon Line 139

O

Office Furniture . . 90, 91, 92, 93
Offset Screwdriver . . 83
Oil Filler 149
Oil Miser 71
Oilers 71
Opera Glass . . 100, 101, 102
Ornamental Brackets 124
Outdoor Light 120
Outlet Reel 118
Oven Broiler 137

P

Padlock 126
Paint Brush 114
Paint Mixer 11
Paint Remover . . 88, 89
Paint Scraper . 88, 89, 114
Paint Sprayer . 87, 88, 89
Parallel Clamp 52
Parallels 80
Pegboard Hooks, Hangers 123, 152
Pencil Sharpener Electric 90
Penlite 129
Perma Plug 118
Phonograph 143
Photo-Electric Cell . 119
Pincer 57
Pin Vise 82, 150
Pipe Clamp 64
Pipe Cutter 64
Pipe Reamer 81
Pipe Threader 64
Pipe Vise 53
Pipe Wrench 64
Pistol 132, 153, 158
Pitch Gage 80
Planer . 12, 29, 31, 38, 41
Planes 17, 49
Plant Food 108
Plastic Aluminum . . 117
Plastic Anchors 123
Plastic Box 123
Plastic Cover 61
Plastic Mender 76
Plastic Porcelain . . 117
Plastic Rubber 116
Plastic Spray 71
Plastic Steel 117
Plastic Tape 115
Plastic Wood 117
Pliers . . 56, 57, 147, 152
Plug, Cutter 15
Plumb Bobs 83
Plumb Sheath 83
Plumbers Kit 6
Pocket Knives 130
Pole Socket 124
Polish 71
Polish Mitt 76
Polisher, Sander . . 14, 16, 27, 28
Poly-seam-seal 116
Pouch, Tool 151
Power Auger Bits . . . 10
Power Tools (See Item)
Power Unit 16, 31
Precision Instruments . . 77, 78, 79, 80, 152
Pressure Gage 72
Prestone Products . . . 71
Protractor 18, 77
Pruner 111, 112
Pulley 99, 139
Pulls, drawer . . . 121, 125
Pumps 99, 113, 149
Pump Lubricant 71
Punch, Arch 82
Punch, Automatic . . . 80
Punch, Center . . . 51, 84
Punch, Drift 51
Punch, Metal 84
Punch, Pin 51, 84
Punch, Revolving . . 152
Punch, Self-Centering 83
Push Drill 46
Putty Knife 114, 152

R

Radial Arm Saw 36
Radios 140, 141, 142, 143
Radiator Chemicals . 71
Radius & Bevel Cutter 15
Radius Gage 80
Rain Drain 109
Range Hood 96
Rasp 13, 15, 150
Ratchet Box Wrench . 65
Ratchet Screwdriver . . . 47, 83, 150
Reading Glass 102
Reamer 81
Recipro Saw 24
Reducer, Speed . 31, 158
Regulator Tester . . . 73
Resorcinal Glue 117
Rifle Scope 100
Right Angle Drive . 6, 12
Rip Fence 18, 19
Ripping Bar 51, 83
Rivet Buster 51
Rivetool 114
Rollers 144
Root Feader 108
Rope 99, 139
Rose Food 112
Rotary File 50
Roto Hammer 19
Router 32, 33, 34
Router Bit 35
Rubber Mallet . . . 41, 151
Rule, Hook 79
Rule, Steel 59, 80
Rule, Wood 59
Rust Remover 116
Rust Solvent 71

S

Sabre, Saw . . 5, 21, 22, 23
Safe 92
Sander, Attachment 12, 14
Sander, Belt . 30, 37, 39
Sander Dust Kit 30
Sander, Hand 151
Sander, Orbital . 12, 28, 29
Sander, Polisher 14, 16, 27, 29, 30, 31
Sanding Wheel 27
Sandpaper Belts 30
Sandpaper Discs 14
Sandpaper Sheets 29, 151
Sash Lock 124
Saw-All 21, 158
Saw, Attachment 12, 15, 31
Saw, Back Mitre 42
Saw, Band 37, 39
Saw, Bench 29, 37
Saw Blades . . 18, 19, 23, 24, 41, 43, 151
Saw Case 18, 19
Saw, Chain 17
Saw, Circular . . . 16, 18, 20, 31
Saw, Compass 43
Saw, Coping 21, 43
Saw, Dovetail 44
Saw, Electric . . . 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 31, 36, 37, 39, 158
Saw, Hand . . . 42, 43, 44
Saw Handle 44
Saw, Hole 14, 150
Saw Horse Bracket . . 44
Saw, Jig 21, 22, 23, 25, 158
Saw, Keyhole 43
Saw, Mitre 42
Saw, Nest of 43
Saw, Radial Arm 36
Saw, Recipro 24
Saw Set 44
Saw Table . . . 18, 31, 40
Saw, Tilt Arbor 37
Saw Vise 82
Saw Zipp 21
Scale 153
Scissors 144, 158
Scout Knife 130
Scraper 114, 152
Screen Door Closer . 126
Screws 125
Screw Anchors 125
Screw Extractors . 66, 148
Screw-Mate 11
Screwdrivers 13, 26, 46, 47, 48, 81, 141, 148, 150
Screwdriver, Attachment 13, 15
Screwdriver, Bits 48
Screwdriver, Electric . 21
Screwdriver, Jewelers . . . 46, 81
Screwdriver, Offset . . 83
Screwdriver, Ratchet . . . 46, 47, 83, 150
Screwdriver Sets . 46, 148
Screwdriver Sockets 68, 69
Scribe 84
Scru-Gun 26
Sealants 116
Seat Belt Reels 75
Seat Covers 73
Security Boxes 93
Shaft, Flexible . . . 13, 40
Shaper 37, 50
Sharpener . 15, 107, 137
Sharpening Stone . . . 35
Shaver 136
Shear, Electric . . . 144, 158
Shears, Grass 111, 112
Shears, Hedge . . . 111, 112
Shed 107
Sheet Metal Tool 53
Shelving 93
Shoe Polisher 145
Shower Head 113
Side Cutting Bit . . . 10, 11
Silicone Lube 71
Sink & Drain Cleaner 152
Siren 76, 128
Slide Tow 99
Slide-All 116
Slide Caliper 79
Slide Rule 61, 152
Snap Fastener 139
Snap, Harness 139
Snips 55, 147
Snow Thrower 106
Soap Dish 113
Socketool 55
Socket Wrench Sets . 55, 65, 68, 69, 70, 148, 158
Softball 132
Solder 85
Soldering Iron . 67, 85, 151
Spark Plug 74, 157
Spark Plug Socket 68, 148
Spark Plug Suppresser 147
Speed Control Unit 15, 158
Speed Indicator 73
Speedometer, Marine 98
Speed Reducer . 2, 15, 31
Spotlight 128
Spout 149
Sprayers . 87, 88, 89, 112
Spring Clamp 52
Springs 152
Sprinkler 108, 109
Spy Scope 102
Square, Combination . . 79, 82
Square Drives 68, 69
Square, Double Steel 79
Square, Try & Mitre . . 79
Stair Gage 83
Stairway, Folding . . . 121
Stand, Electric Drill 13, 31
Stand, Power Tool . 25, 40
Stand, Typewriter . . . 90
Staple, Puller 57
Stapler 115, 158
Star Drill 51
Static Reducer 119
Steel Letters & Figures 131
Steel, Plastic 117
Steel Shelving 93
Stillson Wrench . . 64, 147
Stool 121
Stop Tire Flats 74
Stop Watch 134
Storage Shed 107
Stove 131
Stud Finder 81
Sump Pump 113
Sun Glasses 100
Surface Gage 80
Sur-form 15, 50
Surprise Package . . 128
Swing Kit 133
Switch, Dimmer . . 119, 157
Switch, Mercury . . . 118
Switch Plate 119

T

Table Saw . 25, 31, 36, 37
Tachometer 72, 73
Tackle Box 61
Tacker Gun 115
Tape, Electrical 118
Tape, Foam Rubber . 114
Tape, Masking 114
Tape, Measuring 58
Tape Recorder . . 142, 143
Taps and Dies . 84, 148, 151
Target 132
Tarpaulin 133
Telephone 145
Telephone Amplifier . 140
Telephone Extension 119
Telephone Lock 153
Telescope 100, 103
Telescope Gage 80
Television 142
Temperature Gage . . 72
Templet 32
Tennis 132
Tents 131
Tester, Electrical . . . 152
Thermometer . . 104, 105
Threader, Pipe 64
Tile Nipper 57
Timer 90, 136
Tires 156
Tire Gage 75
Toasters 137, 138
Toggle Bolts 123
Toilet Seat 113
Tool Box 62, 63
Tool Pouch 151
Tool Rack 84, 152
Tool Set 67, 111
Tool Shed 107
Toothbrush, Automatic 136, 138
Torch, Blow 85, 157
Torque Wrench 65
Tramel Points 81
Tranceiver 143
Transit Level . 2, 59, 60, 61
Transmission Sealer . 71
Travel Bags 145
Tree Stump Remover 112
Trouble Lights 119
Trowel 54
Truck, Hand 93
Try-Square 82
Tub Caulk 116
Tubing Bender 82
Tubing Cutter . 64, 82, 84
Tune-up Guide Book . 72
Turning Chisels 51
Tweezers 81
Twine 139
Typewriter 94
TV Antenna 119
TV Coupler 119

U

Undercoating, Auto . . 115
Unimat 41
Underground Sprinkler 109
Utility Box, Chest . . 60, 61
Utility Knife 130

V

Vacuum Cleaner 76
Vacu-Vise 54
V Blocks 82
Veneer Trimmer 32
Vent Fan 96
Vent Kit 97
Vernier Caliper . . 78, 152
Versmatic 2, 15
Versatool 46
Vibro Tool 121, 157
Vise 52, 53
Vise Drill Press 31
Vise, Grip 53, 64
Vise, Pin 82, 150
Vise, Hand 82
Vise, Pipe 53
Vise, Saw 82
Vise, Woodworkers . . 52
Voltmeter 72

W

Wall Scraper . . . 114, 152
Warning Signal 128
Washer Cutter 83
Watches 102, 134, 135
Waterfall 133
Weatherstrip 114
Weather Instruments 104
Weather Vane 131
Welder 86
Welding Clamp 53
Welding Torch . . . 85, 157
Weldwood 115
Wheels, Rubber 107
Wiggler 81
Window Lock 124
Windshield Wiper . . . 99
Wire 20, 118, 139
Wire Bender 151
Wire Brush 14, 151
Wire Gage 80
Wire Stripper . . . 118, 151
Wire Wheels 14
Wood Bit Set . . . 10, 11
Wood Glue 115
Wood Legs 133
Work Apron 50
Work Bench 44
Wrench, Adjustable . 64, 147, 148
Wrench, Chain 64
Wrench, Hex 64, 66
Wrench, Impact 26
Wrench, Metric 65
Wrench, OE., Comb., Box 65, 66, 148
Wrench, Pipe, Stillson. . 64, 147
Wrench, Ratcheting Box 64, 65, 66
Wrench Sets 65, 70
Wrench, Tap 81
Wrench, Tappet 66
Wrench, Vise Grip . . . 64

X-Y-Z

Xtenda Shower 113
Zipp Saw 21

$AVE

DUPONT Nylon Tires

- Revolutionary New Nylon Cord
- Stronger than Steel
- Safety at High Speeds
- Fights Excessive Heat
- Cushions Impact
- Gives Extra Mileage
- Quietest Ride Ever

Reliability engineered and designed to exceed the demands of tire safety required by today's high powered automobiles and high speed roads.

First Quality – Full 4 Ply Nylon for that extra margin of carcass strength — plus *POLYBUTADIENE* thread compound for that safer, longer mileage and better traction. New tread design, full width, full depth, interlocking pattern for greater safety in braking and cornering—gives better road holding capacity and prevents skids forward, backwards or sideways.

ALL USG TIRES LIFETIME GUARANTEED

Our Own Brand U.S. General Supply Tire Made Exclusively for Us by One of the Country's Largest Tire Manufacturers.

ALL BRAND NEW FIRST LINE TUBELESS Equivalent to or Better than Original Factory Tires on New Cars. No Trade-in Required.

ALL PRICES INCLUDE TAX

PREMIUM TIRES—WRAP AROUND

Size	BLACK SIDE WALL Model No.	List	WHITE SIDE WALL Model No.	List
6.50-13	72713E2900	$24.21	73713E3250	$28.36
6.95/6.50-14	72833E2940	24.30	73833E3090	28.70
7.35/7.00-14	72813E2980	25.30	73813E3150	28.90
7.75/7.50-14	72863E3050	29.70	73863E3270	31.00
8.25/8.00-14	72843E3600	32.94	73843E3990	37.14
8.55/8.50-14	72823E3880	36.56	73823E4260	39.80
7.35/6.50-15	72913E2680	26.26	73913E2920	28.60
7.75/6.70-15	72963E3050	29.70	73963E3270	31.00
8.15/7.10-15	72943E3540	33.00	73943E3700	34.50
8.45/7.60-15	72923E3870	36.00	73923E4080	38.00
9.00/8.20-15			73973E4700	48.50

U.S.G. PROMOTIONAL TIRES

Full 4 Ply Nylon —100% NYLON. ALL TUBELESS—FIRST LINE

Size	BLACK SIDE WALL Model No.	List	WHITE SIDE WALL Model No.	List
6.50-13	74319E2370	$19.88	75319E2600	$21.98
7.35/7.00-14	73019E2640	22.47	73119E2900	25.00
7.75/7.50-14	73069E2700	22.97	73169E3088	26.78
8.25/8.00-14	73049E2850	24.50	73149E3160	27.55
7.75/6.70-15	73263E2970	25.00		

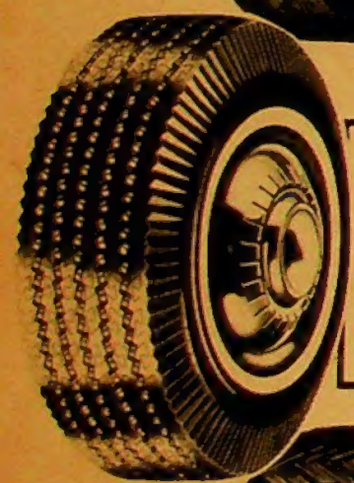
PUNCTURE SEALING—100% NYLON

- Full 4 Ply—Tubeless
- Seals Punctures Instantly . . . While You Ride
- Available in White Side Wall Only
- Extra Low Profile—Wide Track Design

Offers outstanding safety, comfort and protection. New distinctive "Triple Ring" white side walls.

WHITE SIDE WALL Only

Size	Model No.	List
6.50-13	78513E3800	$29.90
7.00-13	78543E3900	31.00
6.95/6.50-14	78633E4000	32.00
7.35/7.00-14	78613E4200	34.00
7.75/7.50-14	78663E4300	36.00
8.25/8.00-14	78643E4600	39.00
8.55/8.50-14	78623E4900	43.00
8.85/9.00-14	78693E5140	45.00
8.15/7.10-15	78743E4700	39.50
8.45/7.60-15	78723E4900	43.00
9.00/8.20-15	78773E5350	46.90
9.15-15	78703E5680	49.90



PREMIUM SPORT CAR TIRES—100% NYLON

- Full 4 Ply – Tubeless

A modern sports and compact car tire to insure maximum safety. Nylon cord takes blows, absorbs shocks and fights excessive heat. Special interlocking tread design for extra high traction and super stability to withstand high speed torture.

Size	BLACK SIDE WALL Model No.	List	WHITE SIDE WALL Model No.	List
5.30/4.50-12	15743E2000	$15.80		
5.00/5.20-13	74753E2600	20.00	75753E2800	$24.00
5.60-13	74783E2570	19.60	75783E2940	24.30
5.00/5.20-14	74853E2590	19.90	75853E2960	25.00
5.60-14	74883E2860	24.10	75883E3080	28.70
5.00/5.20-15	74953E2800	24.00	75953E3000	29.50
5.60-15	74983E2950	24.50	75983E3160	28.90

SNOW - MUD TIRES—100% NYLON

- Full 4 Ply – Tubeless

Digs you out of SNOW — Keeps you rolling in MUD!!! For carefree winter motoring. Deep rugged cleats for maximum traction. All nylon cord takes punishment, absorbs shocks and fights excessive heat. Equally at ease on snow, ice or wet pavements. New super silent tread design for a quieter, smoother ride.

Size	BLACK SIDE WALL Model No.	List	WHITE SIDE WALL Model No.	List
6.50-13	74413E2850	$22.20	75413E3120	$24.50
7.00-13	74433E3050	23.70	75443E3330	26.20
6.95/6.50-14	16333E3030	23.60	16733E3300	26.00
7.35/7.00-14	74513E3120	24.80	75513E3500	27.50
7.75/7.50-14	74563E3350	26.40	75563E3710	29.00
8.25/8.00-14	74543E3600	28.20	75543E3910	30.50
8.55/8.50-14	74523E3720	29.10	75523E4000	32.00
8.85/9.00-14			53193E4350	34.00
7.75/6.70-15	74663E3350	26.40	75663E3730	29.20
8.15/7.10-15	74643E3570	28.00	75643E3890	30.30
8.45/7.60-15	74623E3850	30.10	75623E4170	32.50
9.00/8.20-15			75673E4420	34.60
9.15-15			75603E4540	36.60

BVI Deluxe Electric VIBRO-GRAVER

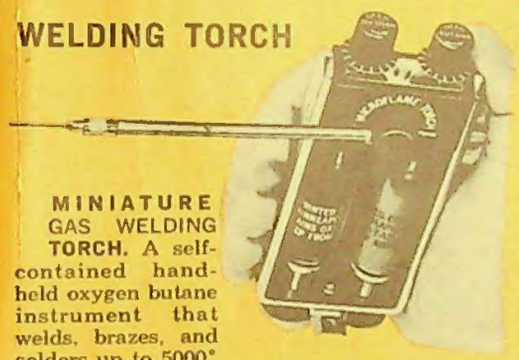
With Adjustable Depth of Cut

For Every Member of the Family

Just guide it like a pencil, and the Vibro-Graver engraves or embosses or marks, on tools, metals, jewelry, sports equipment, auto accessories, kids belongings, gifts, leather goods, even etches glass! Built-in motor produces 7200 spm. Hardened point permanently engraves any hard or semi-hard material. Adjustable engraving depth dial. Plug into AC outlet. Guarantee.

112-69E1100 ..... **$12.95**

WELDING TORCH



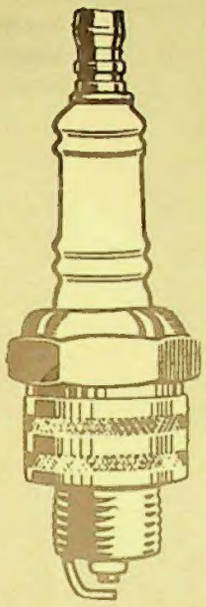
MINIATURE GAS WELDING **TORCH.** A self-contained hand-held oxygen butane instrument that welds, brazes, and solders up to 5000° F with pinpoint heat.

908-1000E3000 ..... **$19.95**
Replacement Oxygen Cylinders
908-1001/5E600 Pkge. of 5 tubes.... **$3.75**
Replacement Butane Cylinders
908-1002/5E400 Pkge. of 5 tubes.... **$2.50**

CHAMPION

US PATENT & TRADEMARK OFFICE

3 0402 00133 2354



CHAMPION SPARK PLUGS

Famous throughout the world for unsurpassed workmanship, quality and dependability. In types to service over 90% of American passenger cars including compacts.

SPECIFY Year, Make and Model No. of car when ordering.*

417-8CSPE990 Set of 8 **$8.64**
417-CSPE130 Each Plug **1.08**
Lawn Mower Plug
417-J17LME130 ..... **1.08**

*See Chart on Page 74

CHARGATRON

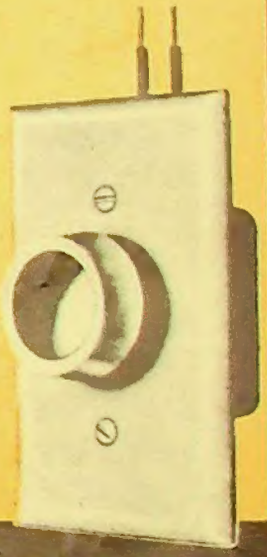
Recharges Any 1½ and 9 Volt Battery

Recharges Ordinary Dry Cell Flashlight and Transistor Radio Batteries, Plus Carbon-Zinc, Alkaline, Nickel-Cadmium and Mercury Batteries up to 15 Times. Recharges up to 4 size D, C, or AA cells; or 3 flashlight cells and one 9 volt transistor battery at one time. Used for recharging when batteries are "weak" but not dead. 1½ volt flashlight bulb and bracket (included), serves as reliable battery charger indicator. Completely safe operation on 115V. with interlock lid. Red indicator light for "On."

815-BCE 790 ..... **$5.95**

ELECTRONIC DIMMER

With Full Wave Control



Instant Light Control from Dark to Full Bright! Lets you switch lights on or off without disturbing dimmer setting. Compact wall unit dials your light mood, then holds it there. Installs quickly, easily in old or new single wall gem boxes, 60-600 watt capacity. For any incandescent bulbs. With safe installation instructions. **Designed for 120 volts, AC only.** 600 watts cap.

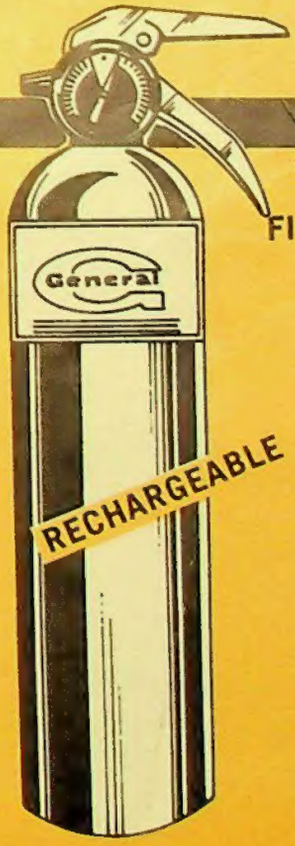
172-600E990 ..... **$15.95**

BINOLUX—CENTRAL FOCUS

7x35 PRISM BINOCULARS

Considered the best all-around glass for their ability to put you right on the subject every time. With their fine optical and mechanical performance they put you in the action whether it be watching birds in flight or tracking a football in motion. Field of view 341-ft. at 1000 yds. Leather carrying case.

806-3022E2800 ... **$24.95**



2¾ LB. DRY CHEMICAL RECHARGEABLE FIRE EXTINGUISHER

U.S. Coast Guard Approved for Marine, Transportation, Industrial Use.

- **Visual Gauge Tells Condition At All Times**
- **Smoothers All-Types Flame Instantly**
- **No Messy Foam, or Smelly Fumes**
- **No Danger of Electrical Shock**

Just squeeze the handle and the harmless dry powder puts out any type fire, without mess, fumes or shock! No recharging or inspection required unless used. Has visual gauge, mounting bracket. All steel construction. Available in 2¾ lb. and deluxe 5 lb. capacities.

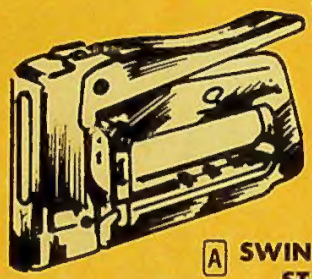
2¾ Lb. Unit.
919-275E1400 ..... **$11.25**
5 Lb. Unit.
919-5E2780 ..... **19.05**

Nationally Famous Brands
Guaranteed Quality
LOWEST PRICES

U.S. General Supply Corp.
299 Broadway
New York, N.Y. 10007

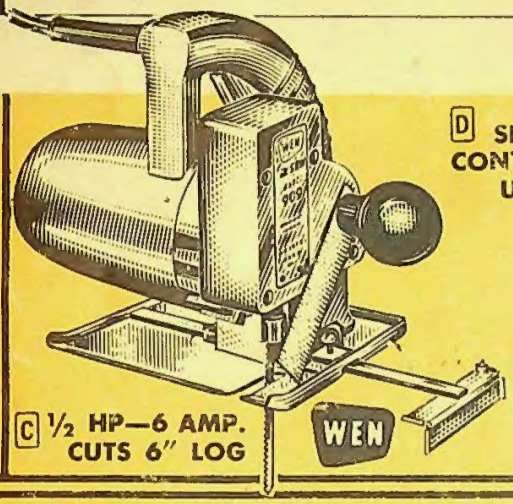
BULK RATE
U. S. POSTAGE
PAID
New York, N.Y.
PERMIT NO. 5817

NOTE: This is the only place where our name appears. When using the catalog for resale, please clip this area to keep your source confidential.



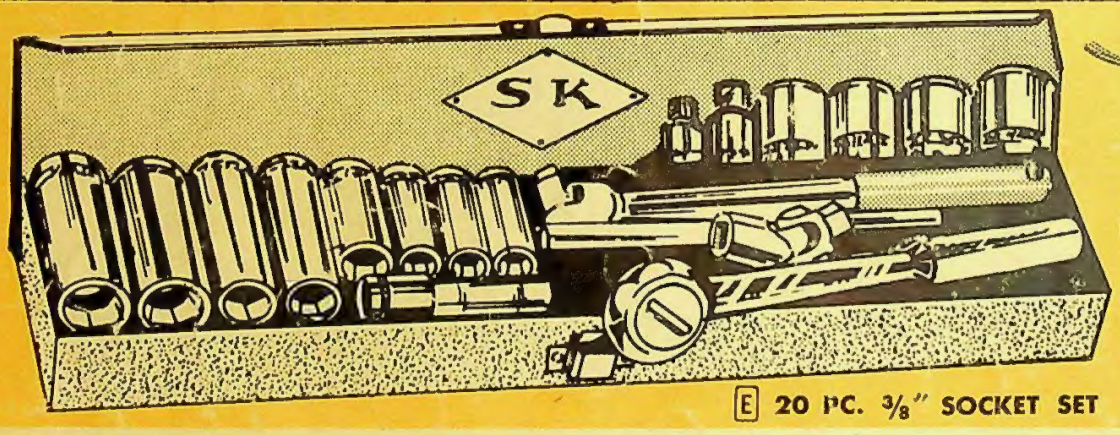
A SWINGLINE STAPLER

B MARKSMAN BB PISTOL



C ½ HP—6 AMP. CUTS 6" LOG

D SPEED CONTROL UNIT



E 20 PC. ⅜" SOCKET SET

F SPEED SNIPS ELECTRIC SCISSORS

A SWINGLINE STAPLE GUN

With built-in staple extractor. Handiest, quickest, easiest stapler takes 2 sizes– 4/16" and 5/16" leg lengths. Locks securely closed. Lightweight, maneuverable—gets within 1/16" of corners. Perfectly balanced. All steel . . . rustproof. Guaranteed tacking performance.

904-101E780	Tacker Complete	$5.95
904-101SE80	Box 1000 extra staples	.70

B MARKSMAN REPEATER BB PISTOL

Repeater air pistol . . . 20-shot BB repeater. Also shoots pellets and darts. Hard-hitting, accurate .177 caliber. Fast loading and easy action. Lifetime "built-in-power" — no CO_2 cartridges needed. Positive on-off safety. All metal . . . precisely engineered and balanced. Has the weight, feel of a .45 automatic. With generous supply of BB's, pellets, darts, targets, manual, guarantee.

809-MPRE1190 ..... $9.95

C WEN PORTABLE "ALL SAW"

Does Everything a Pattern Saw Does, More than a Circular Saw Does, many things a band saw or Nibbler will do, PLUS many things that until now, only a chain saw could do. Cuts through a 6x6, a 2" steel pipe, does fine pattern work—in masonite, Bakelite, Tile, Plexiglas, Plasterboard, even Asbestos. Powerful ½ HP motor has heavy-duty hardened gears; roller and oilite bearings. Air stream keeps dust cleared from cut.

106-909E5590 6 Amp., with 7 Blades $44.95

D SPEED CONTROL UNIT

Dial any speed for power tools, appliances, etc. without loss of power. Prolongs the life of bits, blades, etc.—reduces spoiled work. Drives screws directly from drill. Lets you polish the car without burning paint. Built-in circuit breaker. Input 110 volts AC.

172-G4E1390	5 Amp. capacity	$ 9.95
172-M10E1970	7.5 Amp. capacity	16.95
172-39E5330	15 Amp. capacity	39.95

E 20-Pc. ⅜" SOCKET SET

With Reversible Ratchet. Especially hardened for strength and wear. Includes reversible ratchet. Universal joint, 3" extension, flex handle, cross bar, seven sockets—⅜, 7/16, ½, 9/16, ⅝, 11/16, ¾, with sturdy steel case PLUS 8 deep sockets—⅜, 7/16, ½, 9/16, ⅝, 11/16, ¾, and 13/16 spark plug socket.

401-4520E3100 ..... $22.95

F SPEED ELECTRIC SCISSORS

Faster Safer, Easier way to *cut cloth, drapery material, suiting*, etc. Eliminates tiresome hand cutting. Accurate . . . perfect for hi-fi installers, service shops, drapery makers, tailors, housewives . . . yet safe even for children. Approved by UL and CSA. Push-button switch for instant start and stop. Stay-sharp precision ground steel blades. 5⅝x1⅝x2".

102-1010E900 Right or Left Hand . . . $7.95